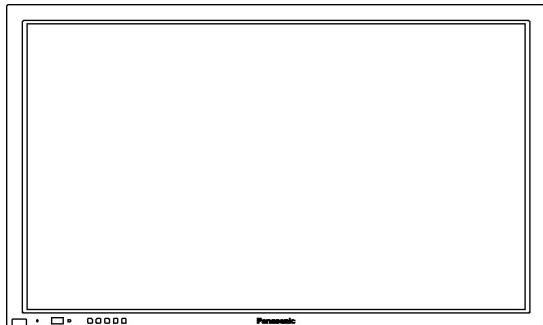


Service Manual

Progressive Wide Plasma Display



TH-37PW7BX

TH-37PW7EX

TH-37PWD7BK

TH-37PWD7EK

TH-37PWD7UY

TH-42PW7EX

TH-42PW7BX

TH-42PWD7BK

TH-42PWD7BS

TH-42PWD7EK

TH-42PWD7ES

TH-42PWD7UY

GP7D Chassis

Specifications

Power Source (UY Version) 120 V AC, 50/60 Hz

Power Source (Except UY) 220 - 240 V AC, 50/60 Hz

Power Consumption (UY Version)

Maximum	225 W (37 inch)	290 W (42 inch)
Stand-by condition	Save OFF 0.8 W, Save ON 0.5 W	
Power off condition	0.1 W	

Power Consumption (Except UY)

Normal use	185 W (37 inch)	250 W (42 inch)
Stand-by condition	Save off 1.0 W, Save on 0.7 W	
Power off condition	0.3 W	

Plasma Display panel Drive method: AC type 16:9 aspect ratio

Contrast Ratio 4000:1

Screen size 818 mm (W) x 461 mm (H) x 939 mm (diagonal)
(37 inch) 920 mm (W) x 518 mm (H) x 1,056 mm (diagonal)
(42 inch)

(No. of pixels) 408,960 (852 (W) x 480 (H)) [2,556 x 480 dots]

Operating condition

Temperatuer 32 °F - 104 °F (0 °C - 40 °C)

Humidity 20 % - 80 %

Applicable signals

Colour System NTSC, PAL, PAL60, SECAM, Modified NTSC

Panasonic®

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Scanning format	525 (480) / 60i • 60p, 625 (575) / 50i • 50p, 750 (720) / 60p • 50p, 1125 (1080) / 60i • 50i • 24p • 25p • 30p • 24sF SMPTE274M, 1250 (1080) / 50i		
PC signals	VGA display VGA SVGA, XGA, SXGA, UXGA (compressed) Horizontal scanning frequency 15 - 110 kHz Vertical scanning frequency 48 - 120 Hz		
Connection terminals			
AV (TH-37/42PWDUY)	VIDEO IN / OUT (BNC)	1.0 Vp-p (75-ohm or high impedance)	
	S VIDEO IN (MINI DIN 4PIN)	Y: 1 Vp-p (75-ohm), C: 0.286 Vp-p (75-ohm)	
COMPONENT / RGB (TH-37/42PWDUY)	AUDIO IN (RCA PIN JACK x2)	0.5 Vrms (high impedance)	
	Y / G (BNC)	1.0 Vp-p / composite (75-ohm)	
	PB / B (BNC), PR / R (BNC)	0.7 Vp-p / non-composite (75-ohm)	
	AUDIO IN (RCA PIN JACK x 2)	0.7 Vp-p (75 ohm)	
PC	(HIGH-DENSITY D-SUB 15PIN)	0.5 Vrms (high impedance)	
		R, G, B / 0.7 Vp-p (75-ohm)	
		HD, VD / 1.0 - 5.0 Vp-p (high impedance)	
		Component	
		Y:1.0 Vp-p (75-ohm : include sync)	
		$P_B / C_B: \pm 0.35$ Vp-p (75-ohm)	
		$P_R / C_R: \pm 0.35$ Vp-p (75-ohm)	
	AUDIO IN (M3 JACK)	0.5 Vrms (high impedance)	
SERIAL	EXTERNAL CONTROL TERMINAL (D-SUB 9PIN)	RS-232C COMPATIBLE	
SPEAKERS (6 Ω)	16 W [8 W + 8 W] (10 % THD)		
Accessories Supplied			
Remote Control Transmitter	EUR646529		
Batteries	2 x AA Size		
Fixing bands	(TMME203 or TMME187) x 2		
Ferrite core	J0KF00000018 x 1, J0KG00000054 x 2		
Dimensions (W × H × D)	920 mm × 550 mm × 89 mm (37 inch)	1,020 mm × 610 mm × 89 mm (42 inch)	
Mass (Weight) (UY Version)			
main unit only	approx. 54.0 lbs (37 inch)	approx. 63.9 lbs (42 inch)	
with speakers	approx. 63.3 lbs (37 inch)	approx. 73.2 lbs (42 inch)	
Mass (Weight) (Except UY)			
main unit only	approx. 24.0 kg net (37 inch)	approx. 28.5 kg net (42 inch)	
with speakers	approx. 28.2 kg (37 inch)	approx. 32.7 kg (42 inch)	

Notes:

- Design and specifications are subject to change without notice. Mass and dimensions shown are approximate.

 **WARNING**

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

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1 Applicable signals

VIDEO input [Applicable when Multi Screen and Digital Zoom]

	Signal name	Horizontal frequency(kHz)	Vertical frequency(Hz)
1	NTSC	15.73	59.94
2	PAL	15.63	50.00
3	PAL60	15.73	59.94
4	SECAM	15.63	50.00
5	Modified NTSC	15.73	59.94

Applicable input signals for PC Input (D-sub 15P) (* Mark)

	Signal name	Horizontal frequency (kHz)	Vertical frequency (Hz)	COMPONENT	RGB	PC	When Multi Screen and Digital Zoom
1	525 (480) / 60i	15.73	59.94	*	*	*	*
2	525 (480) / 60p	31.47	59.94	*	*	*1	*
3	625 (575) / 50i	15.63	50.00	*	*	*	*
4	625 (575) / 50p	31.25	50.00	*	*	*	*
5	750 (720) / 60p	45.00	60.00	*	*	*	*
6	750 (720) / 50p	37.50	50.00	*	*	*	*
7	1,125 (1,080) / 60i	33.75	60.00	*	*	*	*
8	1,125 (1,080) / 50i	28.13	50.00	*	*	*	*
9	1,125 (1,080) / 24p	27.00	47.92	*	*	*	*
10	1,125 (1,080) / 24sF	33.75	30.00	*	*	*	*
11	1,125 (1,080) / 25p	28.13	25.00	*	*	*	*
12	1,125 (1,080) / 30p	27.00	24.00	*	*	*	*
13	1,250 (1,080) / 50i	31.25	50.00	*	*	*	*
14	640 × 400 @ 70 Hz	31.46	70.07	*	*	*	*
15	640 × 480 @ 60 Hz	31.47	59.94	*2	*	*	*
16	640 × 480 @ 72 Hz	37.86	72.81	*	*	*	*
17	640 × 480 @ 75 Hz	37.50	75.00	*	*	*	*
18	640 × 480 @ 85 Hz	43.27	85.01	*	*	*	*
19	852 × 480 @ 60 Hz	31.47	59.94	*2	*	*	*
20	800 × 600 @ 56 Hz	35.16	56.25	*	*	*	*
21	800 × 600 @ 60 Hz	37.88	60.32	*	*	*	*
22	800 × 600 @ 72 Hz	48.08	72.19	*	*	*	*
23	800 × 600 @ 75 Hz	46.88	75.00	*	*	*	*
24	800 × 600 @ 85 Hz	53.67	85.06	*	*	*	*
25	1,024 × 768 @ 60 Hz	48.36	60.00	*	*	*	*
26	1,024 × 768 @ 70 Hz	56.48	70.07	*	*	*	*
27	1,024 × 768 @ 75 Hz	60.02	75.03	*	*	*	*
28	1,024 × 768 @ 85 Hz	68.68	85.00	*	*	*	*
29	1,152 × 864 @ 75 Hz	67.50	75.00	*	*	*	*
30	1,280 × 960 @ 60 Hz	60.00	60.00	*	*	*	*
31	1,280 × 960 @ 85 Hz	85.94	85.00	*	*	*	*
32	1,280 × 1,024 @ 60 Hz	63.98	60.02	*	*	*	*
33	1,280 × 1,024 @ 75 Hz	79.98	75.03	*	*	*	*
34	1,280 × 1,024 @ 85 Hz	91.15	85.02	*	*	*	*
35	1,600 × 1,200 @ 60 Hz	75.00	60.00	*	*	*	*
36	1,600 × 1,200 @ 65 Hz	81.25	65.00	*	*	*	*
37	1,066 × 600 @ 60 Hz	37.88	60.32	*	*	*	*
38	1,366 × 768 @ 60 Hz	48.36	60.00	*	*	*	*
39	Macintosh13" (640 × 480)	35.00	66.67	*	*	*	*
40	Macintosh16" (832 × 624)	49.72	74.54	*	*	*	*
41	Macintosh21" (1,152 × 870)	68.68	75.06	*	*	*	*

1: When selected the RGB format and 525p signal input to the D-sub terminal, it is recognized as VGA 60Hz signal.

2: When inputted VGA 60Hz format signal from the other than D-sub terminal, it is recognized as 525p signal.

Note: Signals without above specification may not be displayed properly.

2 Safety Precautions

2.1. General Guidelines

1. When servicing, observe the original lead dress. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
2. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.
3. After servicing, make the following leakage current checks to prevent the customer from being exposed to shock hazards.

2.1.1. Leakage Current Cold Check

1. Unplug the AC cord and connect a jumper between the two prongs on the plug.
2. Measure the resistance value, with an ohmmeter, between the jumpered AC plug and each exposed metallic cabinet part on the equipment such as screwheads, connectors, control shafts, etc. When the exposed metallic part has a return path to the chassis, the reading should be between $1M\Omega$ and $5.2M\Omega$.
When the exposed metal does not have a return path to the chassis, the reading must be ∞ .

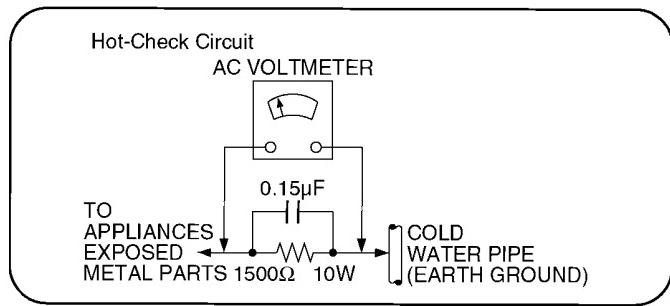


Figure 1

2.1.2. Leakage Current Hot Check (See Figure 1.)

1. Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
2. Connect a $1.5k\Omega$, 10 watts resistor, in parallel with a $0.15\mu F$ capacitors, between each exposed metallic part on the set and a good earth ground such as a water pipe, as shown in Figure 1.
3. Use an AC voltmeter, with 1000 ohms/volt or more sensitivity, to measure the potential across the resistor.
4. Check each exposed metallic part, and measure the voltage at each point.
5. Reverse the AC plug in the AC outlet and repeat each of the above measurements.
6. The potential at any point should not exceed 0.75 volts RMS. A leakage current tester (Simpson Model 229 or equivalent) may be used to make the hot checks, leakage current must not exceed 1/2 milliamp. In case a measurement is outside of the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.

3 Prevention of Electro Static Discharge (ESD) to Electrostatically Sensitive (ES) Devices

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by electro static discharge (ESD).

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any ESD on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging ESD wrist strap, which should be removed for potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as aluminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
3. Use only a grounded-tip soldering iron to solder or unsolder ES devices.
4. Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static (ESD protected)" can generate electrical charge sufficient to damage ES devices.
5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (Most replacement ES devices are packaged with leads electrically shorted together by conductive foam, aluminum foil or comparable conductive material).
7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.

Caution

Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.

8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise harmless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity (ESD) sufficient to damage an ES device).

IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are important for safety.

These parts are marked by  in the schematic diagrams, Exploded Views and replacement parts list. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire, or other hazards. Do not modify the original design without permission of manufacturer.

4 About lead free solder (PbF)

Note: Lead is listed as (Pb) in the periodic table of elements.

In the information below, Pb will refer to Lead solder, and PbF will refer to Lead Free Solder.

The Lead Free Solder used in our manufacturing process and discussed below is (Sn+Ag+Cu).

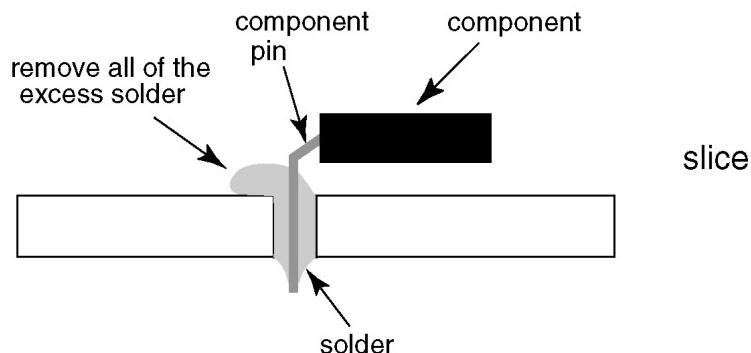
That is Tin (Sn), Silver (Ag) and Copper (Cu) although other types are available.

This model uses Pb Free solder in it's manufacture due to environmental conservation issues. For service and repair work, we'd suggest the use of Pb free solder as well, although Pb solder may be used.

PCBs manufactured using lead free solder will have the PbF within a leaf Symbol  stamped on the back of PCB.

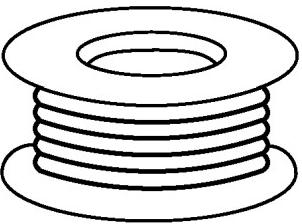
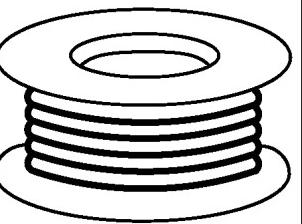
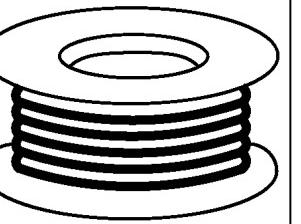
Caution

- Pb free solder has a higher melting point than standard solder. Typically the melting point is 50 ~ 70 °F (30~40 °C) higher. Please use a high temperature soldering iron and set it to 700 ± 20 °F (370 ± 10 °C).
- Pb free solder will tend to splash when heated too high (about 1100 °F or 600 °C). If you must use Pb solder, please completely remove all of the Pb free solder on the pins or solder area before applying Pb solder. If this is not practical, be sure to heat the Pb free solder until it melts, before applying Pb solder.
- After applying PbF solder to double layered boards, please check the component side for excess solder which may flow onto the opposite side. (see figure below)



Suggested Pb free solder

There are several kinds of Pb free solder available for purchase. This product uses Sn+Ag+Cu (tin, silver, copper) solder. However, Sn+Cu (tin, copper), Sn+Zn+Bi (tin, zinc, bismuth) solder can also be used.

0.3mm X 100g	0.6mm X 100g	1.0mm X 100g
		

5 PCB Structure sheet of GP7D chassis

Board Name	Function	Remarks
D	Digital Signal Processor	1
J	Slot Interface & SYNC processor	1
Z	Audio out, DC-DC converter	
SS	Sustain Out	1
SC	Scan out	1
SU	Sustain connection (Upper)	1
SD	Sustain connection (Lower)	1
C1	Data Drive (Lower Right)	
C2	Data Drive (Lower Left)	
H3	Speaker terminal	
S1	Power switch	
SS2	Sustain connection (Upper)	
SS3	Sustain connection (Lower)	
V1	Front SW. & Remote receiver	
PF	Line filter	
P	Power supply	1
HX	PC_type_Input terminal	
HB	BNC Composite/Component Video	2
HA	BNC Component Video	2

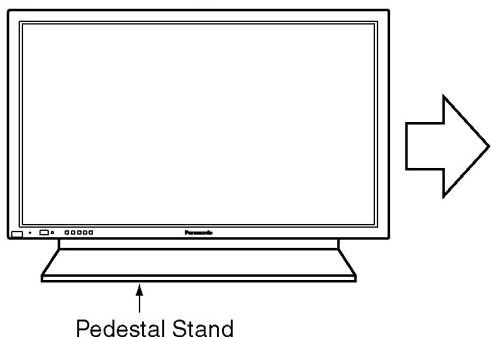
Remarks

1. Recommend PCB's for initial service for GP7D chassis.
2. For System model except BK, BS, EK, ES model

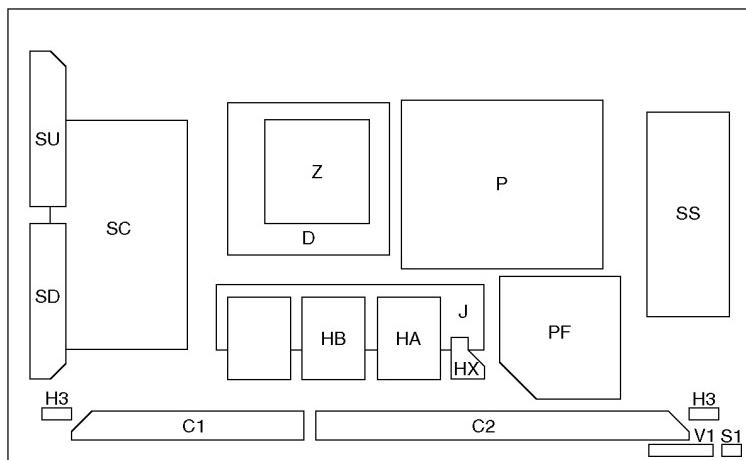
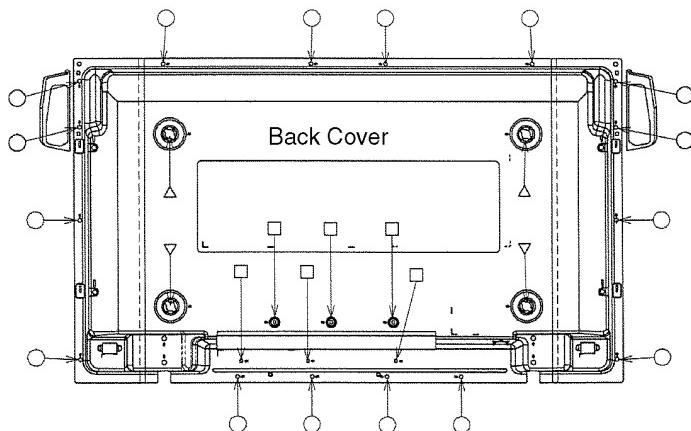
6 Service Hint

[How to set the plasma unit for servicing]

Place the plasma unit on the pedestal stand.
(Optional Accessory)



Remove the Back Cover



Unscrew:
4 screws (△) XYN8+F20FZ
6 screws (□) THEL023Z
16 screws (○) THTF010Z

P.C. Boards Location

Service position for HB-Board, HA-Board and TY-42TM6

Note:

Extension cable kit for Slot Board is supplied as service fixtures and tools.

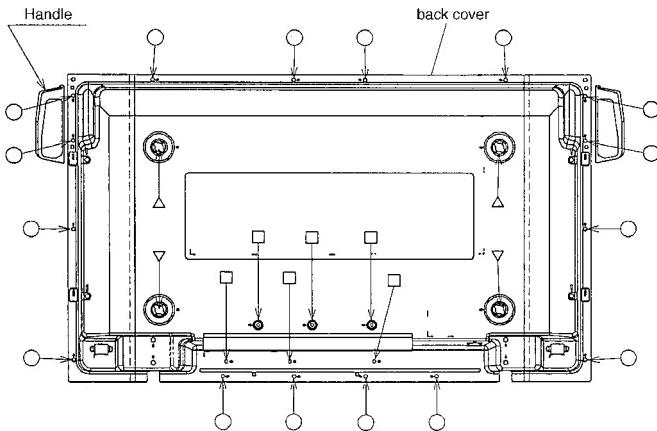
(Part No. **TZSC07040**)

7 P.C.Board and Plasma panel replacement

Prior to the replacement, place the unit on the pedestal stand remove the front frame.

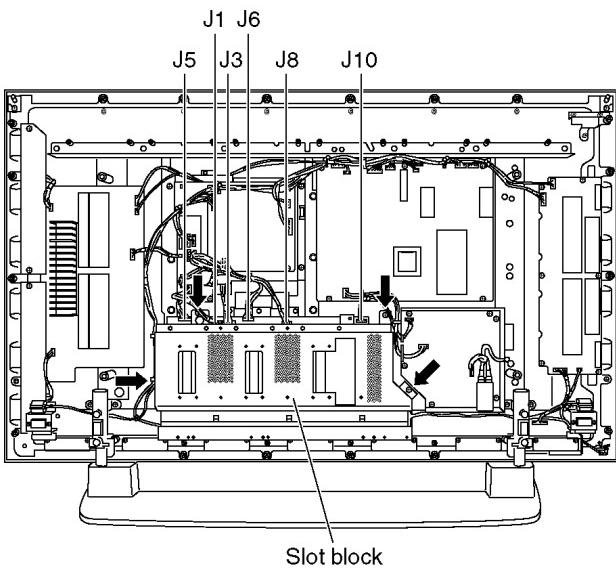
7.1. Removal of the back cover

a. Unscrew the screws ($\times 16 \circlearrowleft$, $\times 6 \square$, $\times 4 \triangle$) and remove the back cover.



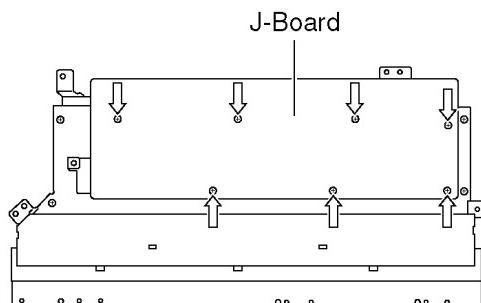
7.2. Removal of the Slot block

- Unscrew the couplers (J1, J3, J5, J6, J8, J10).
- Unscrew the screws ($\times 4$) and remove the slot block.



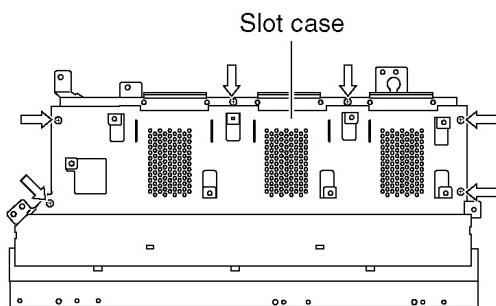
7.3. Removal of the J-Board

- Unscrew the screws ($\times 7$) and remote the J-Board.

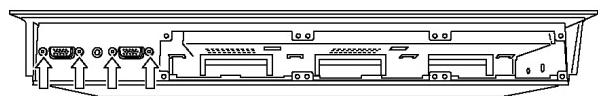


7.4. Removal of the HX-Board

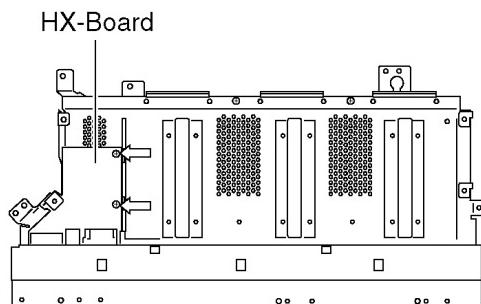
- Unscrew the screws ($\times 6$) and remove the slot case.



- Unscrew the screws ($\times 4$).

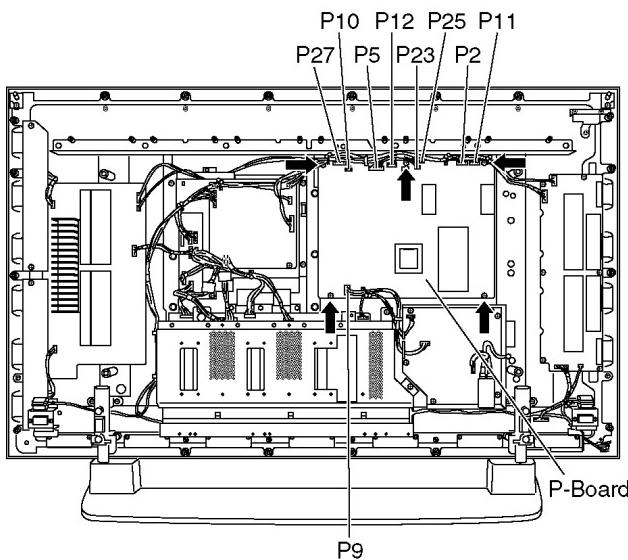


- Unscrew the screws ($\times 2$) and remove the HX-Board.



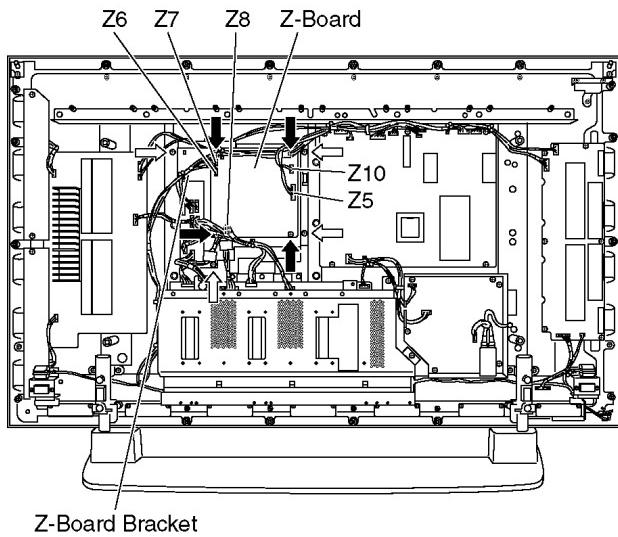
7.5. Removal of the P-Board

- Remove the couplers (P2, P5, P7, P9, P10, P11, P12, P23, P25, P27).
- Unscrew the screws ($\times 5$) and remove the P-Board.



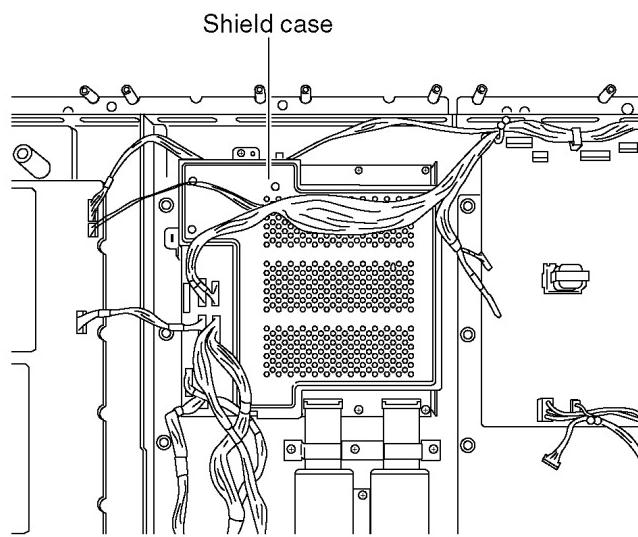
7.6. Removal of the Z-Board

- Remove the couplers (Z5, Z6, Z7, Z8).
- Unscrew the screws ($\times 4 \rightarrow$) and remove the Z-Board with the Z-Board Bracket.
- Unscrew the screws ($\times 4 \rightarrow$) and remove the Z-Board.

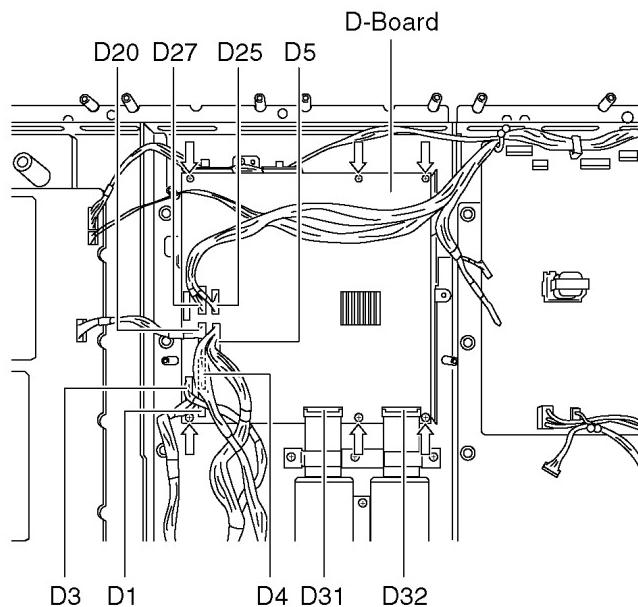


7.7. Removal of the D-Board

- Disconnect the couplers (D1, D3, D5, D25, D27) and the flexible cables (D31, D32).
- Remove the shield case.

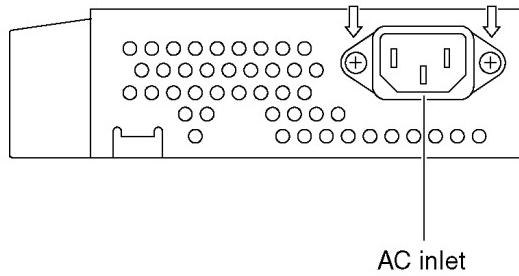


- Unscrew the screws ($\times 6$) and remove the D-Board.

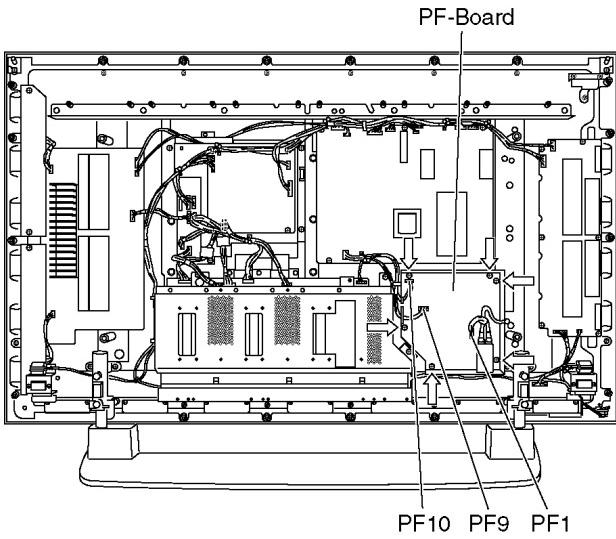


7.8. Removal of the PF-Board

- Remove the coupler (PF1).
- Unscrew the screws ($\times 2$) and remove the AC inlet.

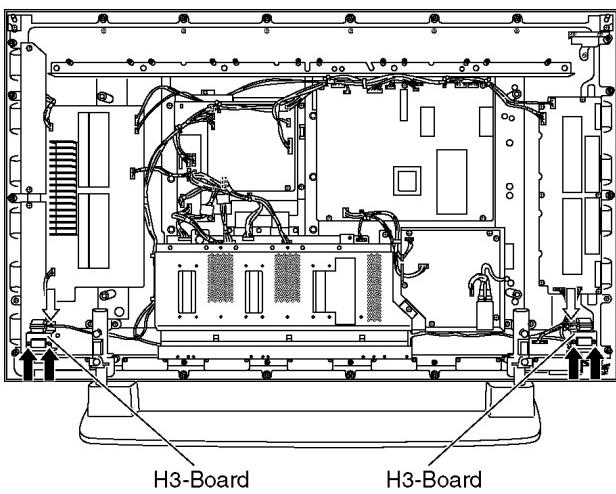


- Remove the couplers (PF9, PF10).
- Unscrew the screws ($\times 4$), and remove the PF-Board.



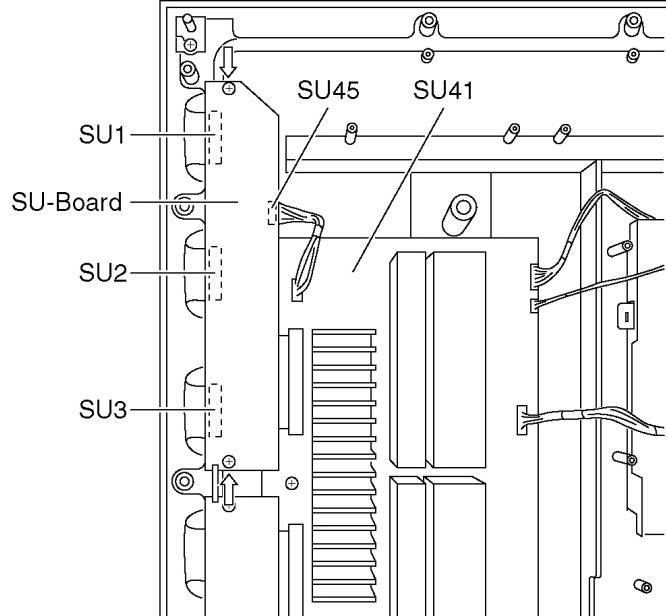
7.9. Removal of the H3-Board

- Unscrew the screws ($\times 2$ →), and remove the H3-Board with the Bracket.
- Unscrew the screws ($\times 4$ ▶), and remove the H3-Board.



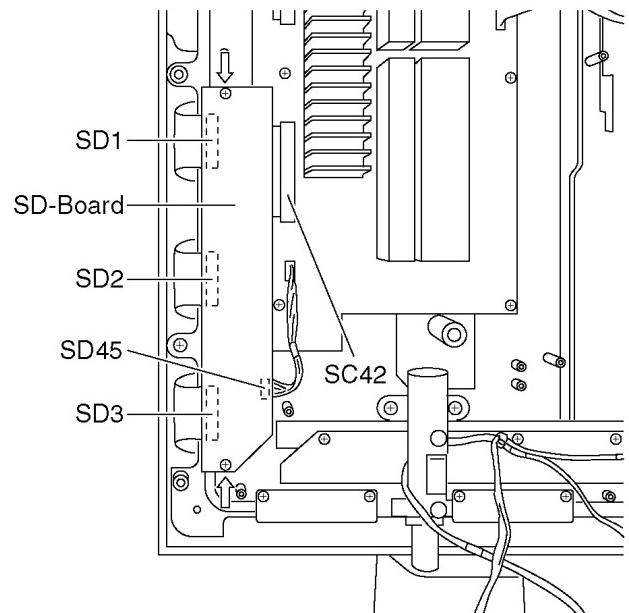
7.10. Removal of the SU-Board

- Unscrew the screws ($\times 2$).
- Slide the SU-Board to the left and disconnect from the couplers (SC41) on the SC-Board.
- Remove the coupler (SU45).
- Remove the flexible cables (SU1, SU2, SU3) connected to the SU-Board, and remove the SU-Board.



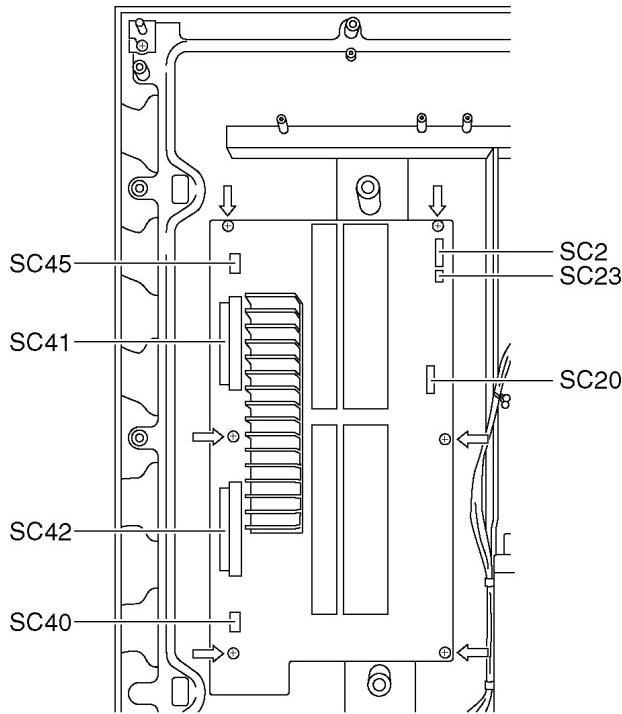
7.11. Removal of the SD-Board

- Unscrew the screws ($\times 2$).
- Slide the SD-Board to the left and disconnect from the couplers (SC42) on the SC-Board.
- Remove the coupler (SD46).
- Remove the flexible cables (SD1, SD2, SD3) connected to the SD-Board, and remove the SD-Board.



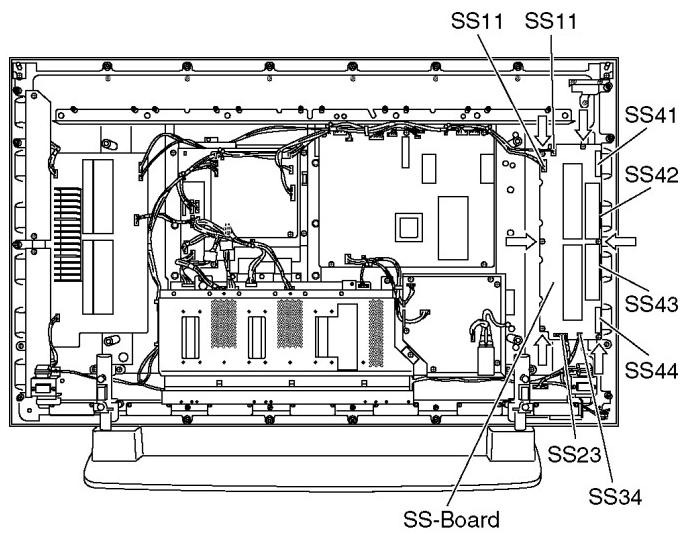
7.12. Removal of the SC-Board

- Remove the couplers (SC2, SC20, SC23, SC45, SC46).
Unscrew the screws ($\times 6$) and remove the SC-Board.



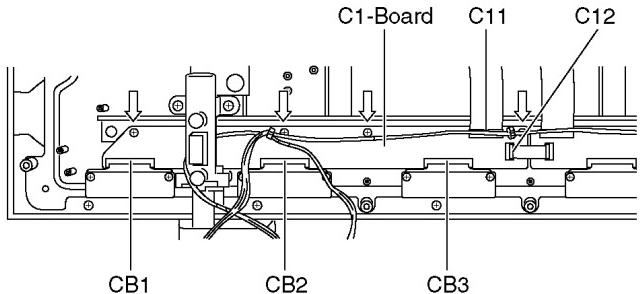
7.13. Removal of the SS-Board

- Remove the couplers (SS11, SS12, SS23, SS34).
- Remove the flexible cables (SS41, SS42, SS43, SS44).
- Unscrew the screws ($\times 6$), and remove the SS-Board.



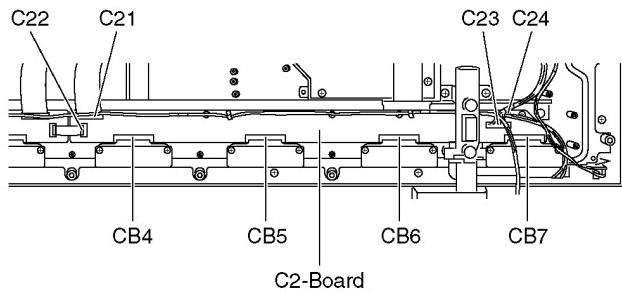
7.14. Removal of the C1-Board

- Remove the flexible cables (CB1, CB2, CB3).
- Remove the flexible cables (C11, C12) release the speaker cables from the clamps ($\times 2$) on the C1-Board.
- Unscrew the screws ($\times 4$), and remove the C1-Board.



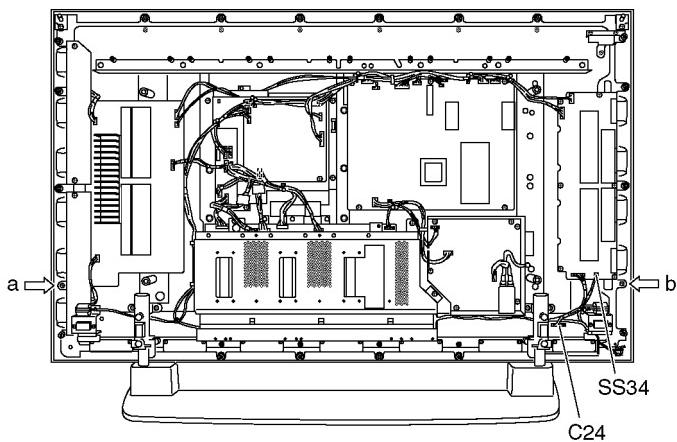
7.15. Removal of the C2-Board

- Remove the cables (CB4, CB5, CB6, CB7).
- Remove the couplers (C23, C24), a flexible cable (C21) and release the speaker cables from the clamp on the C2-Board.
- Unscrew the screws ($\times 4$), and remove the C2-Board.

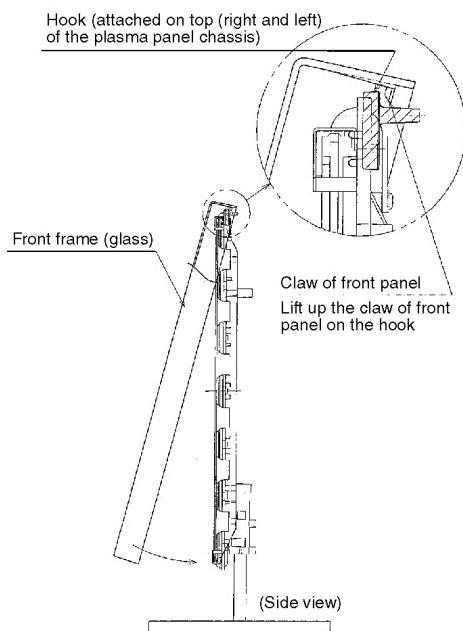


7.16. Removal of the Front frame (glass)

- Remove the screws ($\times 2$) fasten on the panel and remove the front panel.



- b. Release all cables from the clamper on the bracket of the front frame.
- c. For leaving the plasma panel from the front frame, pull the bottom of the front frame to forward, lift, and remove.

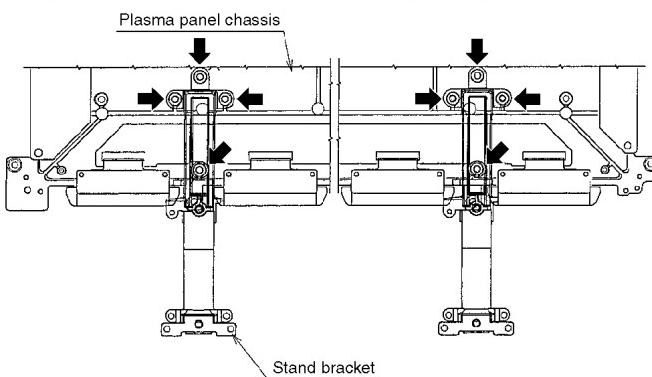


7.18. Replacement of the plasma panel

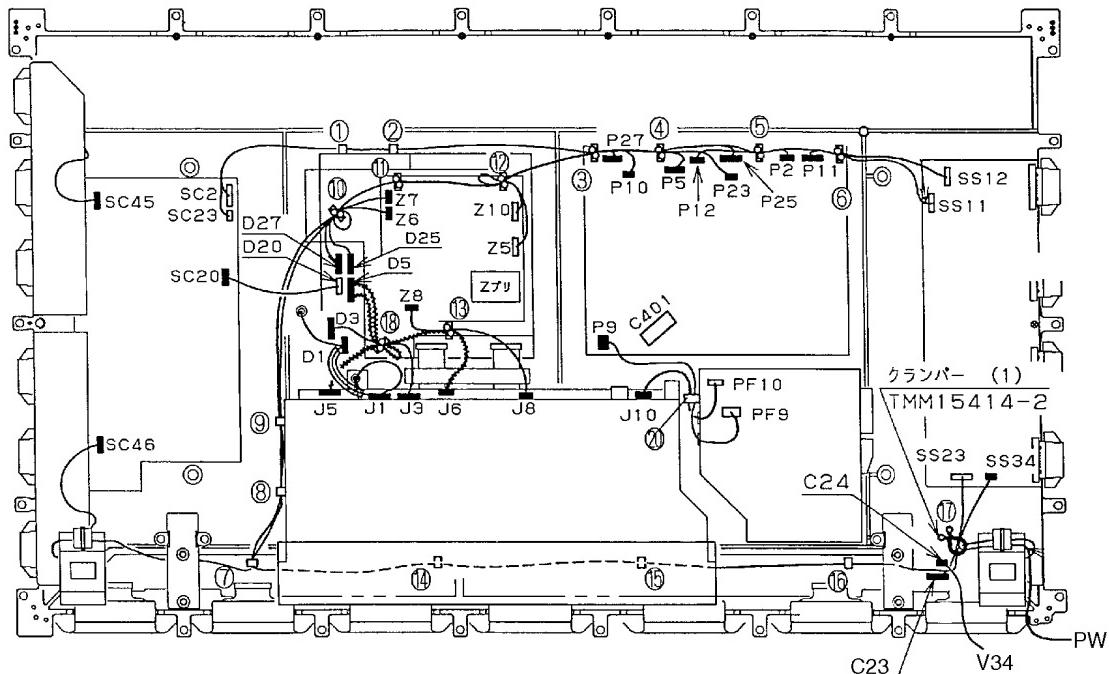
- a. Place the new plasma panel (finished) on the flat surface of the table (covered by a soft cloth), with the plasma panel surface facing downward.
 - b. Fit the stand brackets (left, right.) fast 4 screws each on the new plasma panel.
 - c. Place the plasma panel section on the servicing stand.
 - d. Attach the front frame each P.C.Board and so on, to the new plasma panel.
- * When fitting the front frame, be careful not to allow any debris, dust or handling residues to remain between the front glass and plasma panel.**

7.17. Removal of stand brackets

- a. Remove the plasma panel section from the servicing stand and lay on a table (covered), with the plasma panel surface facing downward.
Spread a soft cloth for protection, to prevent panel surface from scratching.
- b. Remove the stand bracket (left, right) fastening screws ($\times 4$ each) and remove the stand brackets (left, right).



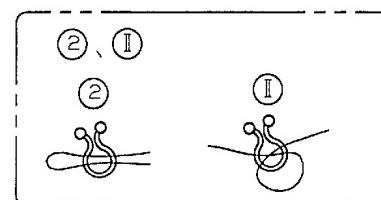
8 Location of Lead Wiring



CON:NO	CON:NO	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮	⑯	⑰	⑱
SC2	P2	<input type="checkbox"/>																	
SC23	P23	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>														
SC20	D20																		
D27	P27		<input type="checkbox"/>																
D25	P25		<input type="checkbox"/>	<input type="checkbox"/>															
D3	J3																<input type="checkbox"/>		
Z8	J8														<input type="checkbox"/>				
D5	J5															<input type="checkbox"/>	<input type="checkbox"/>		
	J6														<input type="checkbox"/>		<input type="checkbox"/>		
Z5	P5		<input type="checkbox"/>	<input type="checkbox"/>											<input type="checkbox"/>				
Z7	SP (SC)							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								
Z6	SP (SS)							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
P12	SS12					<input type="checkbox"/>	<input type="checkbox"/>												
P11	SS11						<input type="checkbox"/>												
C23	SS23															<input type="checkbox"/>	<input type="checkbox"/>		
PW	SS34															<input type="checkbox"/>	<input type="checkbox"/>		
V34	C24																		
Z10	P10		<input type="checkbox"/>												<input type="checkbox"/>				
D1	J1																		
PF9	P9																<input type="checkbox"/>		
PF10	J10																	<input type="checkbox"/>	

Connector Connection: P2, P5, P9, P11, P12, P23, P25, P27

Z5, Z6, Z7, Z8,
D1, D3, D5, D25, D27
J1, J3, J5, J6, J8, J10,
SS34,
C23, C24



9 Adjustment Procedure

9.1. Driver Set-up

9.1.1. Item / Preparation

1. Input an APL 100 % white signal.

2. Set the picture controls: -

Picture mode: Normal

White balance: Normal

Aspect: 16:9

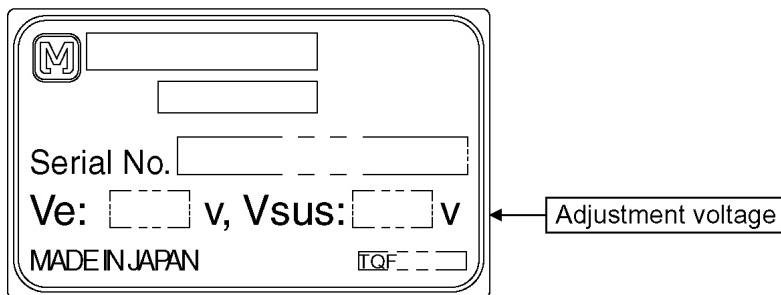
9.1.2. Adjustments

Adjust driver section voltages referring the panel data on the panel data label.

Name	Test Point	Voltage	Volume	Remarks
Vsus	TPVSUS (SS)	174V ± 1V	R628 (P)	
Ve	TPVE (SS)	156V ± 1V	VR6074 (SS)	
Vset	TPVSET (SC)	232V ± 5V	---	
Vad	TPVAD (SC)	-90V ± 1V	VR6477 (SC)	
Vscn	TPVSCN (SC)	Vad*+120V ± 2V	---	
Vda	TPVDA (SS)	67V ± 1V	R665 (P)	

*See the Panel label.

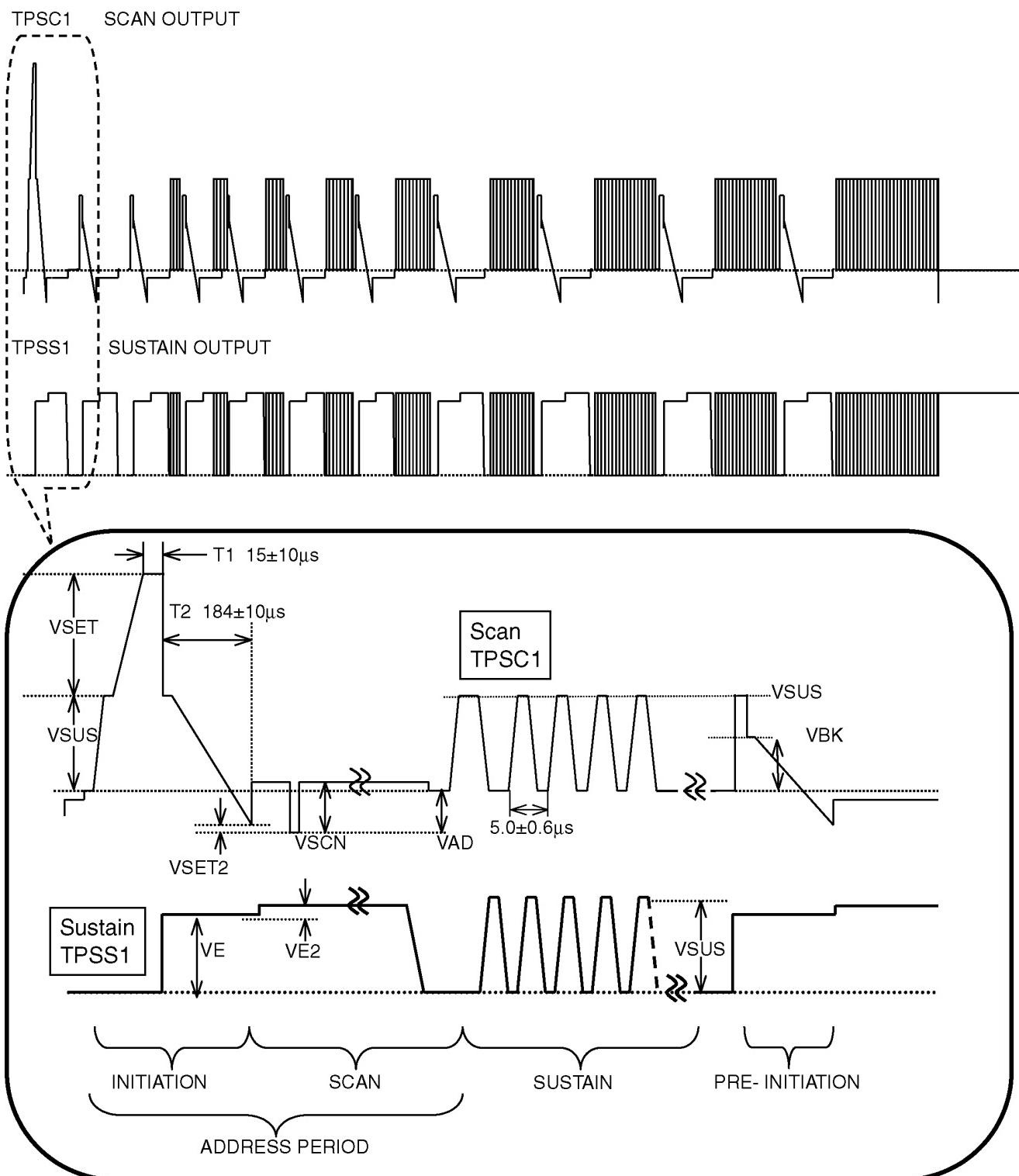
Panel Label information



9.2. Initialization Pulse Adjust

1. Input the Cross hatch signal to plasma video input.
2. Set the picture controls as follows.
 - Picture mode: Normal
 - White balance: Cool
3. Connect OSC: Iloscope to TPSCI and adjust R6523 for $15 \pm 10\mu\text{Sec}$.
4. Connect OSC: Iloscope to TPSS1 and adjust R6557 for $184 \pm 10\mu\text{Sec}$.

	Test point	Volume	Level
T1	TPSC1 (SC)	R6523 (SC)	$15 \pm 10\mu\text{Sec}$
T2	TPSS1 (SS)	R6557 (SC)	$184 \pm 10\mu\text{Sec}$



9.3. P.C.B. (Printed Circuit Board) exchange

9.3.1. Caution

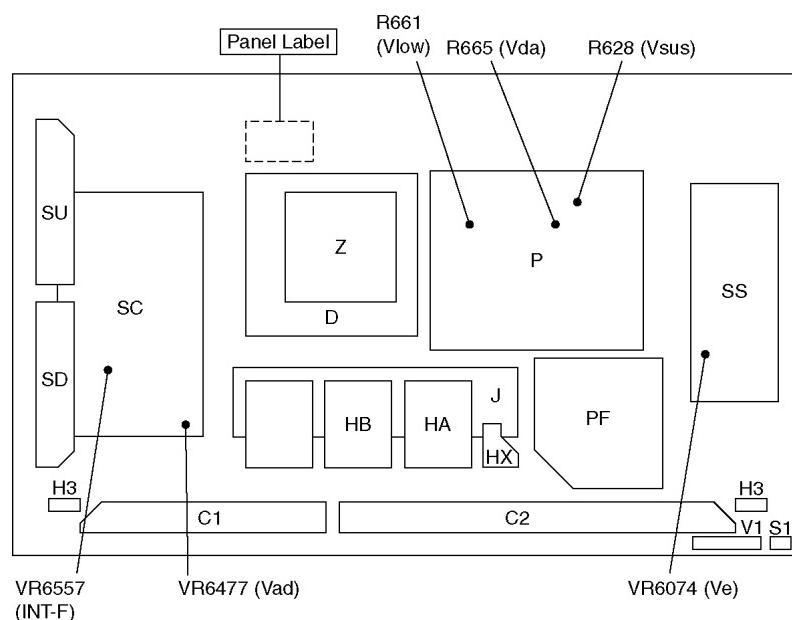
1. To remove P.C.B. , wait 1 minute after power was off for discharge from electrolysis capacitors.

9.3.2. Quick adjustment after P.C.B. exchange

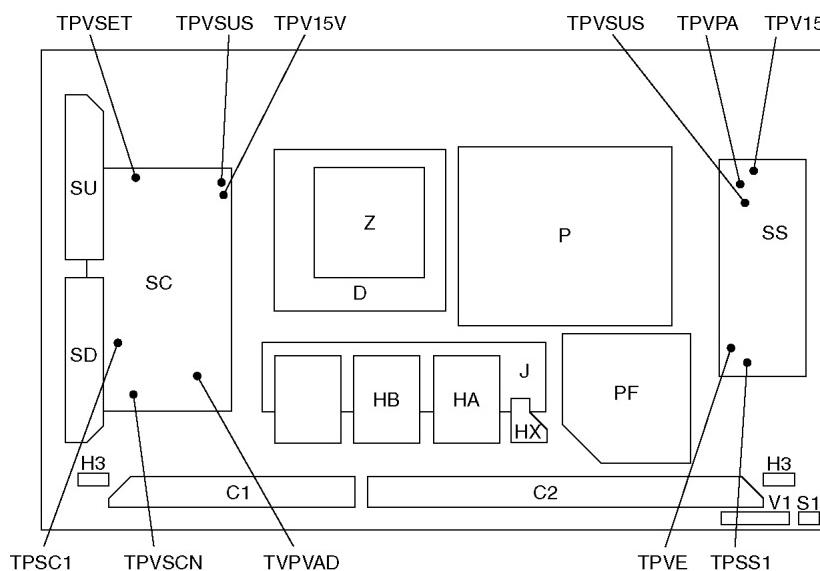
P.C.B.	Name	Test Point	Voltage	Volume	Remarks
P Board	Vsus	TPVSUS (SS)	$174V \pm 1V$	R628 (P)	
	Vda	TPVDA (SS)	$67V \pm 1V$	R665 (P)	
SC Board	Vad	TPVAD (SC)	$-90V \pm 1V$	VR6477 (SC)	
	Vset	TPVSET (SC)	$232V \pm 5V$	---	
	Vscn	TPVSCN (SC)	$Vad + 120 \pm 2V$	---	
SS Board	Ve	TPVE (SS)	$156V \pm 1V$	VR6074 (SS)	
D, J Board	White blance, Pedestal and Sub brightness for NTSC, PAL, HD, PC and 625i signals				

*See the Panel label.

9.4. Adjustment Volume Location



9.5. Test Point Location



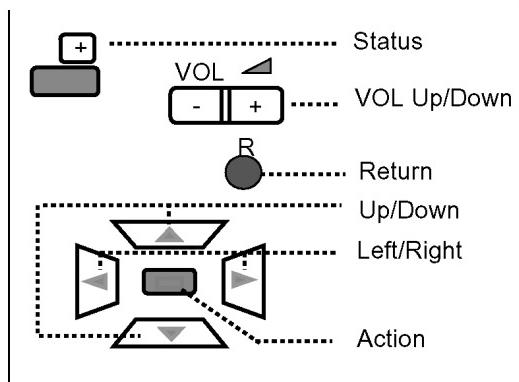
10 Service mode

10.1. CAT (computer Aided Test) mode

CAT mode menu

CAT Panel sys8.2		Mode	Function	Access button
IIC Mode	←	IIC	Service Alignment	Action
CD Mode	←	CD(Complete Diagnostics)	Software version information EEPROM edit	Mute more than 5 seconds
SD Mode	←	SD(Status Display)	MTBF parameter	Action
MS Mode	←	MS Mode	Not use	----
ID Mode	←	ID	Not use	----

Remote control



How to access the CAT mode.

Press and hold the **Volume down / - button** on the front panel of the unit and press the **status** button on the remote control 3 times quickly within 1 second, this will place the unit into the CAT mode.

To exit the **CAT mode**, access the **ID mode** and switch off the main power.

10.1.1. IIC mode

Select the IIC mode by **Up/Down button** on the remote control at the front page of CAT mode then press the **Action button** on the remote control.

OSD

PAL : JUST	Mid	Subject
Panel W/B Adj.	←	Item
R-Drive	←	
D5	D5	
	↑	New data
	↑	Original data

How to use the IIC mode.

1. Select the alignment **Subject** by **Up/Down buttons** on the remote control.
2. Select the alignment **Item** by **Left/Right buttons** on the remote control.
3. Adjust **optimum setting** by **Volume Up/Down buttons** on the remote control.
4. The **data is memorized** when press the **R button** on the remote control or change the alignment Subject (or Items).

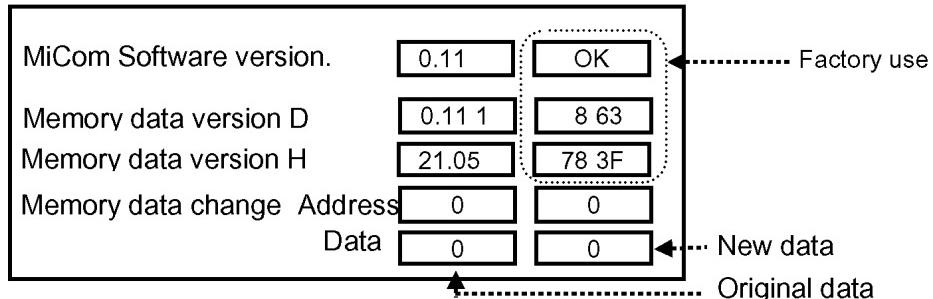
Subject and item are mentioned on page 14.

To exit the IIC mode, press the **R button** on the remote control.

10.1.2. CD mode

Select the CD mode by **Up/Down button** on the remote control at the front page of CAT mode then press the **Mute button** on the remote control more than 5 sec.

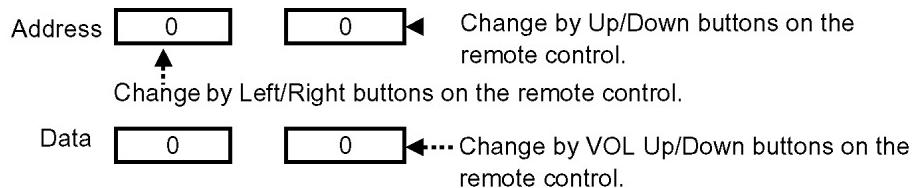
OSD



Micom software version (IC9354), this version can be upgrade by

1. replace of new version IC
2. Loading the new version software from loader tool, TZSC07036.

Memory data change

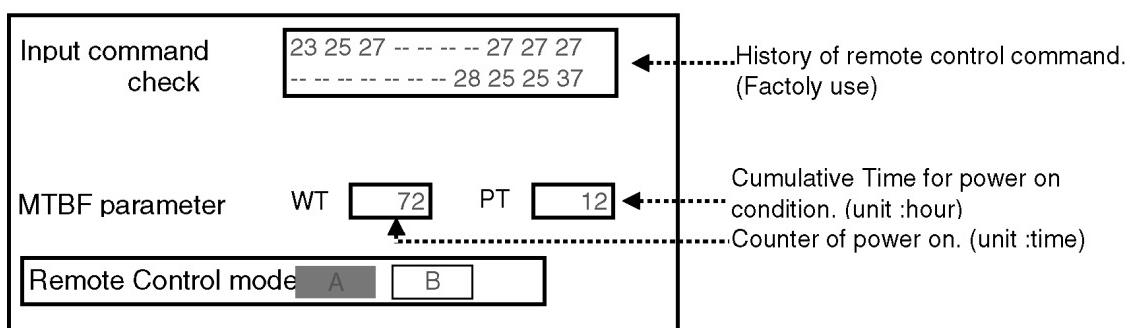


To exit the CD mode, press the **R button** on the remote control.

10.1.3. SD mode

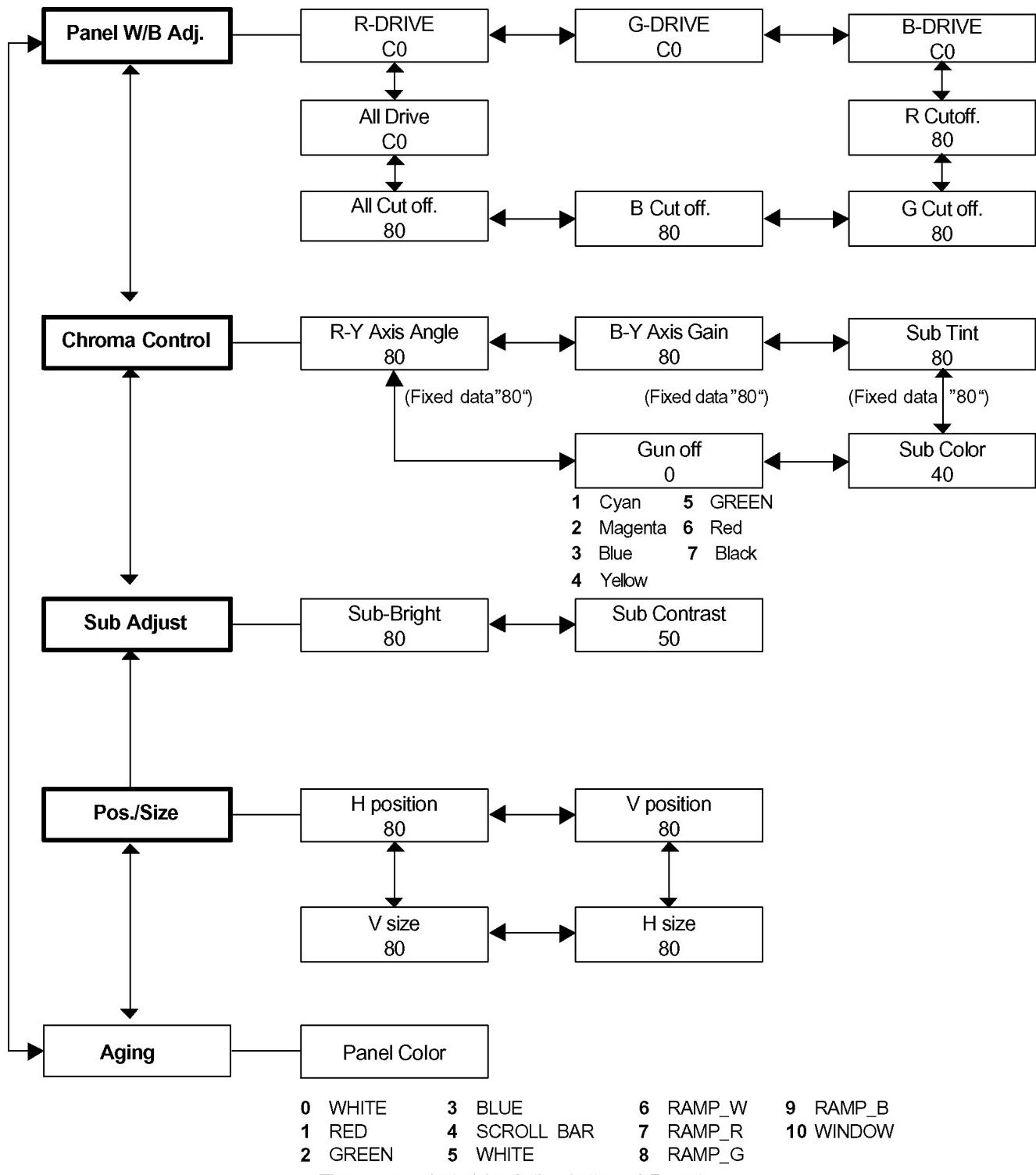
Select the SD mode by Up/Down button on the remote control at the front page of CAT mode then press the Action button on the remote control.

OSD



To exit the SD mode, press the **R button** on the remote control.

10.2. IIC mode structure (following items value is sample data.)



11 Alignment

11.1. PC/RGB panel white balance

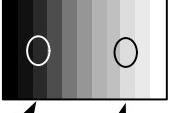
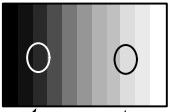
	INPUT	Equipment	Setting	Alignment menu	Procedure												
1	PC Gray Scale Pattern	Color Analyzer	Picture: Normal White balance: Cool Aspect: 16:9	PANEL W/B G Drive PANEL W/B B Drive R Drive PANEL W/B R,G,B Drive R,G,B Drive PANEL W/B R,G,B cut off	<p>1) Set G cut off to " 80 ".</p> <p>2) Find 75% of white area by color sensor.</p> <p>3) Set G Drive to " E8 ".</p> <p>4) Adjust B and R Drive to set color temperature as shown Fig.-03.</p> <p>5) Increase same steps of R, G and B Drive to set largest level of 3 color drive to "FC".</p> <table border="1" data-bbox="912 977 1277 1100"> <tr> <th>Color Temp.</th> <th>x</th> <th>y</th> </tr> <tr> <td>Cool(Hi)</td> <td>0.276</td> <td>0.276</td> </tr> <tr> <td>Normal(Mid)</td> <td>0.288</td> <td>0.296</td> </tr> <tr> <td>Warm(Low)</td> <td>0.313</td> <td>0.329</td> </tr> </table> <p>Fig. -03</p>	Color Temp.	x	y	Cool(Hi)	0.276	0.276	Normal(Mid)	0.288	0.296	Warm(Low)	0.313	0.329
Color Temp.	x	y															
Cool(Hi)	0.276	0.276															
Normal(Mid)	0.288	0.296															
Warm(Low)	0.313	0.329															
2			Picture: Normal White balance: Normal Aspect: 16:9	PANEL W/B R,G,B cut off PANEL W/B R,G,B Drive	<p>1) Change white balance to "Normal".</p> <p>2) Repeat procedure 1) to 5) of Cool mode.</p>												
3			Picture: Normal White balance: Warm Aspect: 16:9	PANEL W/B R,G,B cut off PANEL W/B R,G,B Drive	<p>1) Change white balance to "Warm".</p> <p>2) Repeat procedure 1) to 5) of Cool mode.</p>												
4			Picture: Normal White balance: Cool Aspect: 16:9	Picture Menu Sub Adjust Sub Bright	<p>1) Change color templature to "Cool".</p>												

	INPUT	Equipment	Setting	Alignment menu	Procedure																												
5	RGB Gray Scale Pattern		Picture: Normal Aspect: 16:9	White balance: Cool Normal Warm	<p>1) Write down each color temaparature of R,G,B drive and Cut off data as follows.</p> <table border="1"> <tr><td>White Balance</td><td>Cool</td><td>Normal</td><td>Warm</td></tr> <tr><td>R Drive</td><td></td><td></td><td></td></tr> <tr><td>G Drive</td><td></td><td></td><td></td></tr> <tr><td>B Drive</td><td></td><td></td><td></td></tr> <tr><td>R Cut off</td><td></td><td></td><td></td></tr> <tr><td>G Cut off</td><td></td><td></td><td></td></tr> <tr><td>B Cut off</td><td></td><td></td><td></td></tr> </table> <p>2) Input RGB signal.</p> <p>3) Copy PC R,G,B drive and cut off data of each white balance mode to RGB position.</p>	White Balance	Cool	Normal	Warm	R Drive				G Drive				B Drive				R Cut off				G Cut off				B Cut off			
White Balance	Cool	Normal	Warm																														
R Drive																																	
G Drive																																	
B Drive																																	
R Cut off																																	
G Cut off																																	
B Cut off																																	
6	DVI Gray Scale Pattern		Picture: Normal Aspect: 16:9	White balance: Cool Normal Warm	<p>1) Write down each color temaparature of R,G,B drive and Cut off data as follows.</p> <table border="1"> <tr><td>White Balance</td><td>Cool</td><td>Normal</td><td>Warm</td></tr> <tr><td>R Drive</td><td></td><td></td><td></td></tr> <tr><td>G Drive</td><td></td><td></td><td></td></tr> <tr><td>B Drive</td><td></td><td></td><td></td></tr> <tr><td>R Cut off</td><td></td><td></td><td></td></tr> <tr><td>G Cut off</td><td></td><td></td><td></td></tr> <tr><td>B Cut off</td><td></td><td></td><td></td></tr> </table> <p>2) Input NTSC signal.</p> <p>3) Copy PC R,G,B drive and cut off data of each white balance mode to DVI position.</p>	White Balance	Cool	Normal	Warm	R Drive				G Drive				B Drive				R Cut off				G Cut off				B Cut off			
White Balance	Cool	Normal	Warm																														
R Drive																																	
G Drive																																	
B Drive																																	
R Cut off																																	
G Cut off																																	
B Cut off																																	

	INPUT	Equipment	Setting	Alignment menu	Procedure																												
7	RGB Gray Scale Pattern		Picture: Normal Aspect: 16:9 White balance: Cool Normal Warm		<p>1) Write down each color temparature of R,G,B drive and Cut off data as follows.</p> <table border="1"> <thead> <tr> <th>White Balance</th> <th>Cool</th> <th>Normal</th> <th>Warm</th> </tr> </thead> <tbody> <tr> <td>R Drive</td> <td></td> <td></td> <td></td> </tr> <tr> <td>G Drive</td> <td></td> <td></td> <td></td> </tr> <tr> <td>B Drive</td> <td></td> <td></td> <td></td> </tr> <tr> <td>R Cut off</td> <td></td> <td></td> <td></td> </tr> <tr> <td>G Cut off</td> <td></td> <td></td> <td></td> </tr> <tr> <td>B Cut off</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>2) Input PAL signal.</p> <p>3) Copy PC R,G,B drive and cut off data of each white balance mode to RGB position.</p>	White Balance	Cool	Normal	Warm	R Drive				G Drive				B Drive				R Cut off				G Cut off				B Cut off			
White Balance	Cool	Normal	Warm																														
R Drive																																	
G Drive																																	
B Drive																																	
R Cut off																																	
G Cut off																																	
B Cut off																																	
8	DVI Gray Scale Pattern		Picture: Normal Aspect: 16:9 White balance: Cool Normal Warm		<p>1) Write down each color temparature of R,G,B drive and Cut off data as follows.</p> <table border="1"> <thead> <tr> <th>White Balance</th> <th>Cool</th> <th>Normal</th> <th>Warm</th> </tr> </thead> <tbody> <tr> <td>R Drive</td> <td></td> <td></td> <td></td> </tr> <tr> <td>G Drive</td> <td></td> <td></td> <td></td> </tr> <tr> <td>B Drive</td> <td></td> <td></td> <td></td> </tr> <tr> <td>R Cut off</td> <td></td> <td></td> <td></td> </tr> <tr> <td>G Cut off</td> <td></td> <td></td> <td></td> </tr> <tr> <td>B Cut off</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>2) Input DVI signal.</p> <p>3) Copy PC R,G,B drive and cut off data of each white balance mode to DVI position.</p>	White Balance	Cool	Normal	Warm	R Drive				G Drive				B Drive				R Cut off				G Cut off				B Cut off			
White Balance	Cool	Normal	Warm																														
R Drive																																	
G Drive																																	
B Drive																																	
R Cut off																																	
G Cut off																																	
B Cut off																																	

11.2. HD/ 525i /525p /625i /625p panel white balance

	INPUT	Equipment	Setting	Alignment menu	Procedure												
1	HD (720i or 1080i) Gray Scale Pattern	Color Analyzer	Picture: Normal White balance: Cool Aspect: 16:9	PANEL W/B G cut off PANEL W/B B cut off R cut off Sub Adjust Sub Bright PANEL W/B G Drive PANEL W/B B Drive R Drive PANEL W/B R,G,B Drive R,G,B Drive PANEL W/B R,G,B cut off	<p>1) Set G cut off to " 80 ".</p> <p>2) Find 75% of white area by color sensor.</p> <p>3) Set G Drive to " E8 ".</p> <p>4) Adjust B and R Drive to set color temperature as shown Fig.-04.</p> <p>5) Increase same steps of R, G and B Drive to set largest level of 3 color drive to "FC".</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <th>Color Temp.</th> <th>x</th> <th>y</th> </tr> <tr> <td>Cool(Hi)</td> <td>0.276</td> <td>0.276</td> </tr> <tr> <td>Normal(Mid)</td> <td>0.288</td> <td>0.296</td> </tr> <tr> <td>Warm(Low)</td> <td>0.313</td> <td>0.329</td> </tr> </table> <p style="text-align: center;">Fig. -04</p>	Color Temp.	x	y	Cool(Hi)	0.276	0.276	Normal(Mid)	0.288	0.296	Warm(Low)	0.313	0.329
Color Temp.	x	y															
Cool(Hi)	0.276	0.276															
Normal(Mid)	0.288	0.296															
Warm(Low)	0.313	0.329															
2			Picture: Normal White balance: Normal Aspect: 16:9	PANEL W/B R,G,B cut off PANEL W/B R,G,B Drive	<p>1) Change white balance to "Normal".</p> <p>2) Repeat procedure 1) to 5) of Cool mode.</p>												
3			Picture: Normal White balance: Warm Aspect: 16:9	PANEL W/B R,G,B cut off PANEL W/B R,G,B Drive	<p>1) Change white balance to "Warm".</p> <p>2) Repeat procedure 1) to 5) of Cool mode.</p>												
4			Picture: Normal White balance: Cool Aspect: 16:9	Picture Menu Sub Adjust Sub Bright	<p>1) Change color templature to "Cool".</p>												

	INPUT	Equipment	Setting	Alignment menu	Procedure																												
5	<p>RGB Gray Scale Pattern</p> 		<p>Picture: Normal</p> <p>Aspect: 16:9</p> <p>White balance: Cool Normal Warm</p>		<p>1) Write down each color temparature of R,G,B drive and Cut off data as follows.</p> <table border="1"> <thead> <tr> <th>White Balance</th> <th>Cool</th> <th>Normal</th> <th>Warm</th> </tr> </thead> <tbody> <tr> <td>R Drive</td> <td></td> <td></td> <td></td> </tr> <tr> <td>G Drive</td> <td></td> <td></td> <td></td> </tr> <tr> <td>B Drive</td> <td></td> <td></td> <td></td> </tr> <tr> <td>R Cut off</td> <td></td> <td></td> <td></td> </tr> <tr> <td>G Cut off</td> <td></td> <td></td> <td></td> </tr> <tr> <td>B Cut off</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>2) Change input signal to 525i and 525p.</p> <p>3) Copy HD drive and cut off data of each white balance mode to each signals position.</p>	White Balance	Cool	Normal	Warm	R Drive				G Drive				B Drive				R Cut off				G Cut off				B Cut off			
White Balance	Cool	Normal	Warm																														
R Drive																																	
G Drive																																	
B Drive																																	
R Cut off																																	
G Cut off																																	
B Cut off																																	
6	<p>RGB Gray Scale Pattern</p> 		<p>Picture: Normal</p> <p>Aspect: 16:9</p> <p>White balance: Cool Normal Warm</p>		<p>1) Write down each color temparature of R,G,B drive and Cut off data as follows.</p> <table border="1"> <thead> <tr> <th>White Balance</th> <th>Cool</th> <th>Normal</th> <th>Warm</th> </tr> </thead> <tbody> <tr> <td>R Drive</td> <td></td> <td></td> <td></td> </tr> <tr> <td>G Drive</td> <td></td> <td></td> <td></td> </tr> <tr> <td>B Drive</td> <td></td> <td></td> <td></td> </tr> <tr> <td>R Cut off</td> <td></td> <td></td> <td></td> </tr> <tr> <td>G Cut off</td> <td></td> <td></td> <td></td> </tr> <tr> <td>B Cut off</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>2) Change input signal to 525p and 625i.</p> <p>3) Copy HD drive and cut off data of each white balance mode to each signals position.</p>	White Balance	Cool	Normal	Warm	R Drive				G Drive				B Drive				R Cut off				G Cut off				B Cut off			
White Balance	Cool	Normal	Warm																														
R Drive																																	
G Drive																																	
B Drive																																	
R Cut off																																	
G Cut off																																	
B Cut off																																	
7	<p>RGB Gray Scale Pattern</p> 		<p>Picture: Normal</p> <p>Aspect: 16:9</p> <p>White balance: Cool Normal Warm</p>		<p>1) Write down each color temparature of R,G,B drive and Cut off data as follows.</p> <table border="1"> <thead> <tr> <th>White Balance</th> <th>Cool</th> <th>Normal</th> <th>Warm</th> </tr> </thead> <tbody> <tr> <td>R Drive</td> <td></td> <td></td> <td></td> </tr> <tr> <td>G Drive</td> <td></td> <td></td> <td></td> </tr> <tr> <td>B Drive</td> <td></td> <td></td> <td></td> </tr> <tr> <td>R Cut off</td> <td></td> <td></td> <td></td> </tr> <tr> <td>G Cut off</td> <td></td> <td></td> <td></td> </tr> <tr> <td>B Cut off</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>2) Change input signal to 625i and 625p.</p> <p>3) Copy HD drive and cut off data of each white balance mode to each signals position.</p>	White Balance	Cool	Normal	Warm	R Drive				G Drive				B Drive				R Cut off				G Cut off				B Cut off			
White Balance	Cool	Normal	Warm																														
R Drive																																	
G Drive																																	
B Drive																																	
R Cut off																																	
G Cut off																																	
B Cut off																																	

12 Trouble shooting guide

12.1. Self Check

12.1.1. Display Indication

1. Self-check is used to automatically check the bus line controlled circuit of the Plasma display.
2. To get into the Self-check mode, press the **volume down** button on the customer controls at the front of the set, at the same time pressing the **OFF-TIMER** button on the remote control, and the screen will show :-

If the CCU ports have been checked and found to be incorrect Or not located then " - - " will appear in place of " OK "

ID	IIC1	IIC2	IIC3
D	IC9004 OK H90		
J/ DG	IC8181 OK H51		
IC9869	OK H61		
IC9208	OK H62		
IC9601	OK H53		
IC9601	OK H56		
IC9701	OK H56		
Z	IC2401 OK H21		

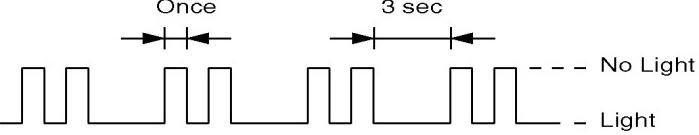
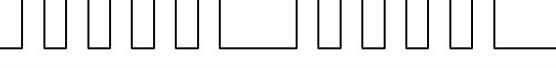
12.1.2. Power LED Blinking timing chart

1. Subject

Information of LED Flashing timing chart.

2. Contents

When an abnormality has occurred the unit, the protection circuit operates and reset to the stand by mode. At this time, the defective block can be identified by the number of blinks of the Power LED on the front panel of the unit.

Blinking times	Blinking timing	Contents & Check point
2		SCAN Driver1
3		3.3V SOS
4		5V SOS
5		Power SOS
7		SCAN Driver2
9		SUS Driver

3. Remarks

Above Fan function is operated during the fans are installed.

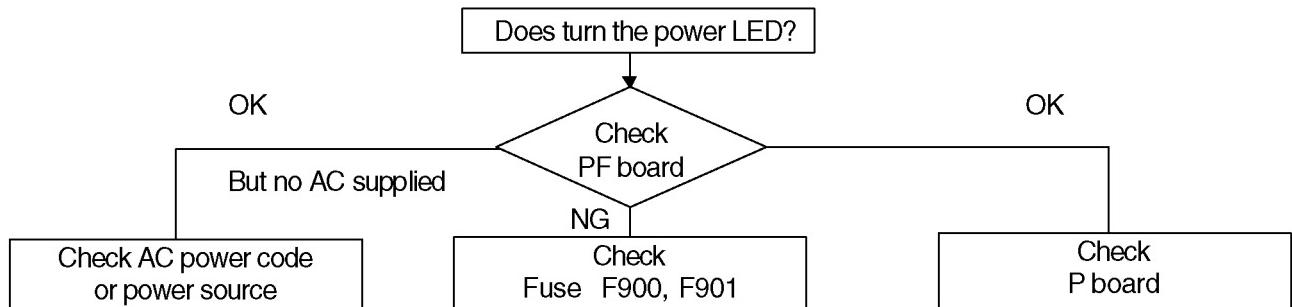
12.2. No Power

First check point

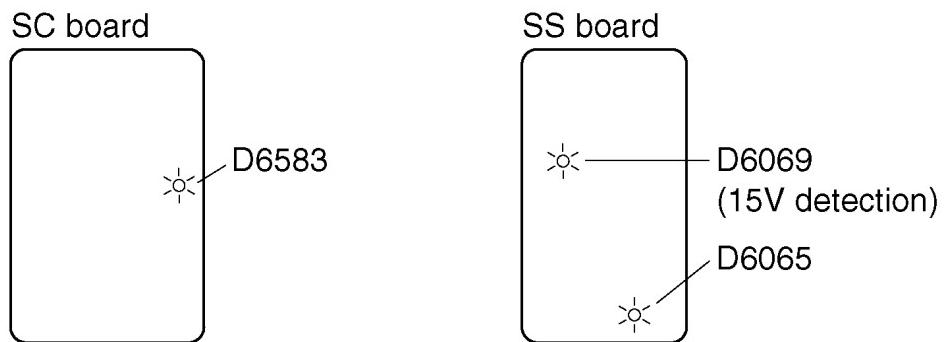
There are following 3 states of No Power indication by power LED.

1. No lit
2. Green is lit then turns red blinking a few seconds later.
3. Only red is lit.

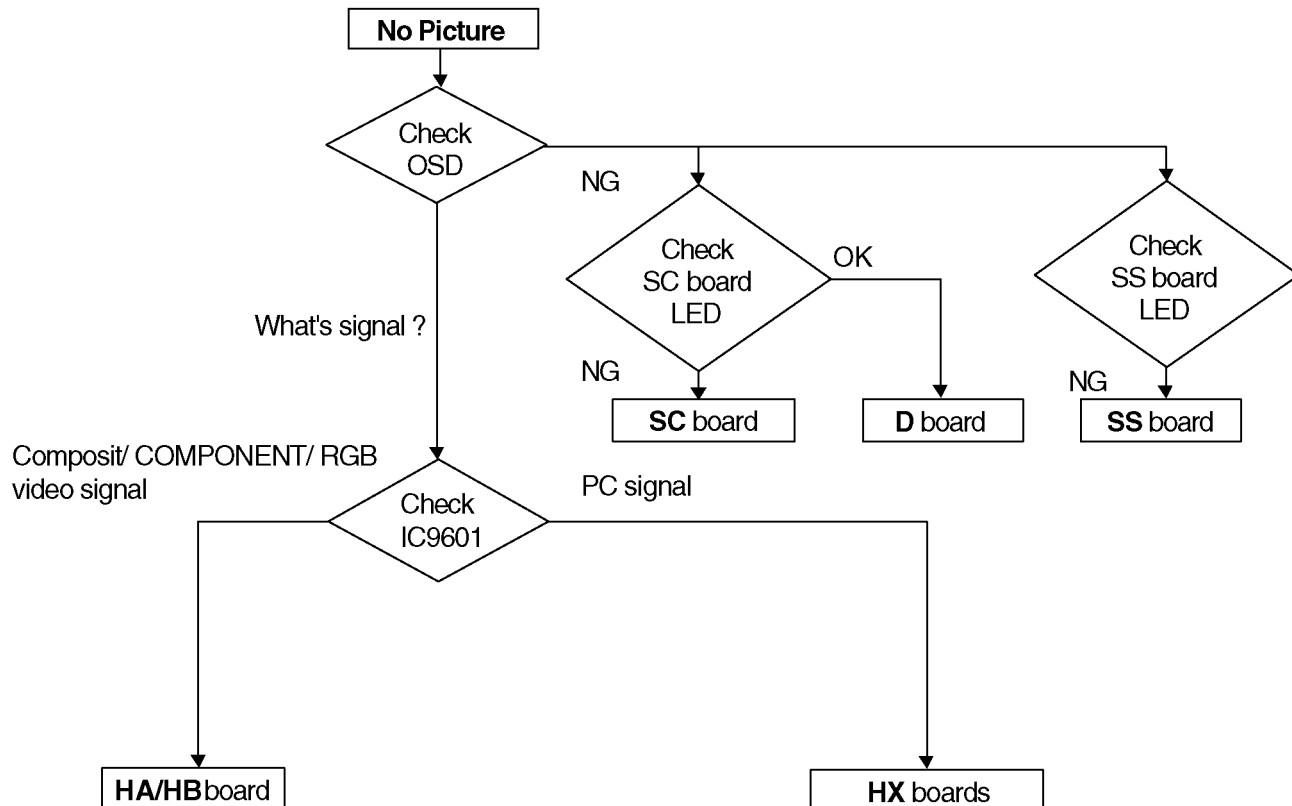
1. No lit



Drive circuits LED indicator

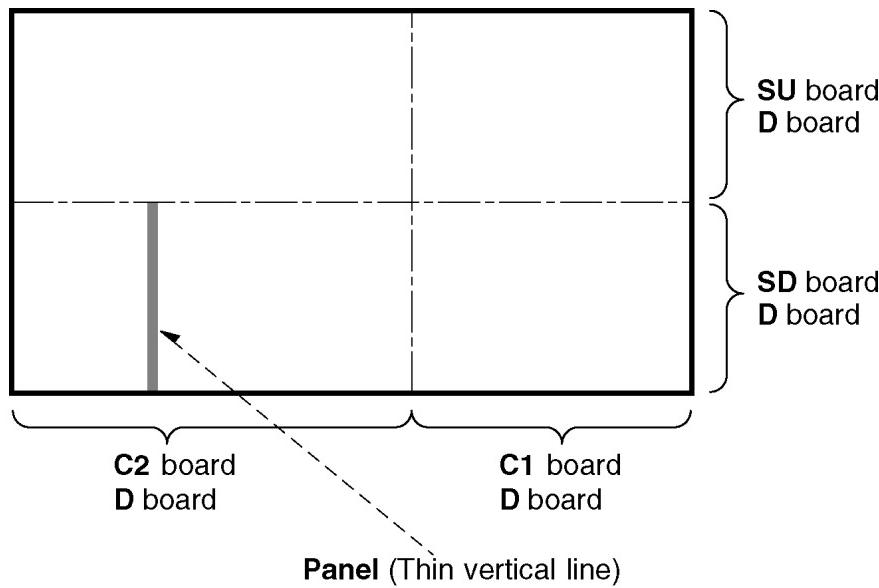


12.3. No Picture



12.4. Local screen failure

Plasma display may have local area failure on the screen. Fig - 1 is the possible defect P.C.B. for each local area.



<Local screen failure chart>

Fig - 1

13 Option Setting

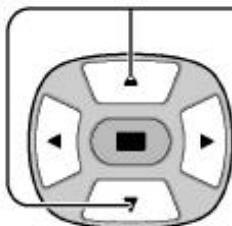
How to access the Option menu

1

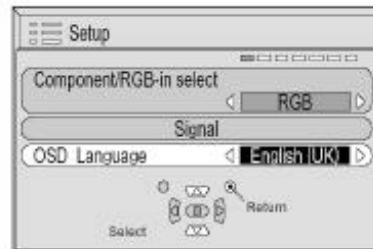


Press to display the Setup menu.

2



Press to select OSD Language.



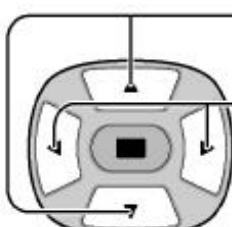
3



Press down for more than 3 seconds to display the Option menu.

Setting the Option menus

1



Press to select the desired item.

Press to select the desired function.

The option menu will disappear 60 seconds after operation.

2



Press to exit Option menu.

Hidden Option Menu for GP7D series

GP7D chassis series have special function and operation setting facility called Option Menu. This Option Menu is useful for special function required customers. This should be set at the installation stage. The end user could not set or change these because of hidden On screen menu.

Option menus	default setting	Contents
Off-timer function	Enable	Off-timer operation Enable/Disable.
On Screen display	On	Enable/Disable to display input mode indication after power on and no signal indication.
Initial INPUT	Off	Sets the initial input mode when the power is turned on . Allow input mode selection while power is on.
Initial VOL. level	Off	Sets the initial volume level when the power is turned on. Allow Volume control while power is on.
Maximum VOL. Level	Off	Sets the maximum volume to desired level. Volume cannot exceed this level.
INPUT lock	Off	Fixes the input mode to AV, Component/RGB or PC. Can not change input mode by input selection key.
Button lock	Off	Enable/Disable front operation buttons (Input and/or volume up/down)
Studio W/B	Off	Set warm mode color temperature to 3,200 Kelvin.
Remocon User Level	Off	Remote key invalidation. Off : Valid key is all key of remote. User1 : Valid key are only Stand-by (ON/OFF), Input, Status, Surround, Sound mute On/Off, and volume adjustment. User2 : Valid key is only Stand-by (ON/OFF). User3 : All keys are null and void
ID Select	0 to 100	Set ID number from 001 to 100.
Remote ID	Off	Remote ID function On/Off. (While the Remote ID on, standard remote function can not control the unit.)
Serial ID	Off	Serial ID function On/Off
Slot power	Off	Sets the slot power mode the power is turned on. Allow Optional Terminal Board insert Slots while power is on.
V. Installation	Off	V. Installation function On/Off (Not used)

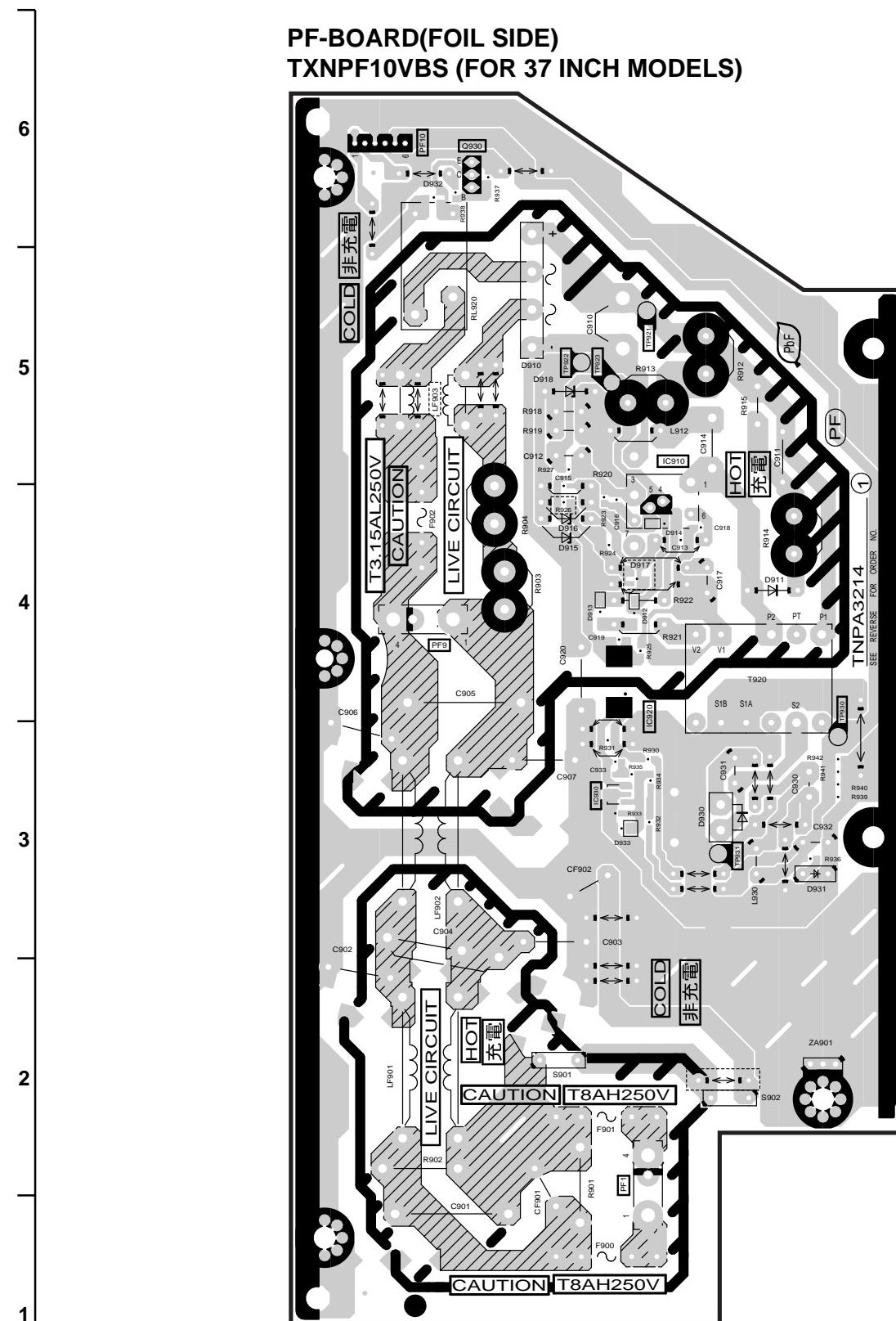
Note :

How to set Remocon User Level and Remote ID off

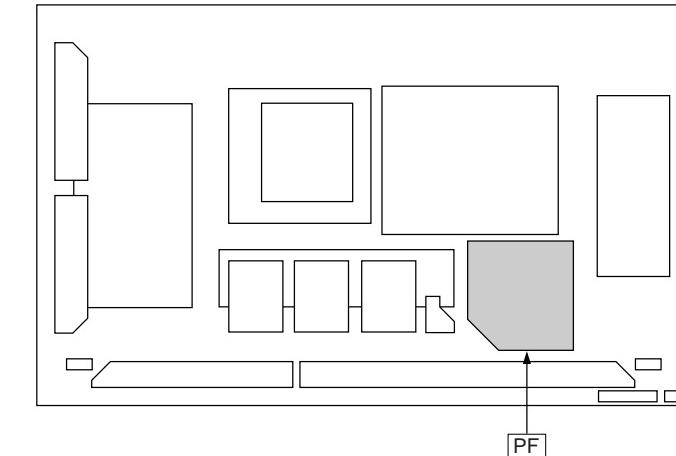
1. Access service mode (CAT-mode) and press SET UP key on remote.
2. Accsess Hidden option menu.
3. Change Remocon User Level and/ or Remote ID set to Off.

14 Circuit Board Layout

14.1. PF-Board (37 inch)



TH-37PW7BX/EX
TH-37PWD7BK/EK/UY
PF-BOARD TXNPF10VBS

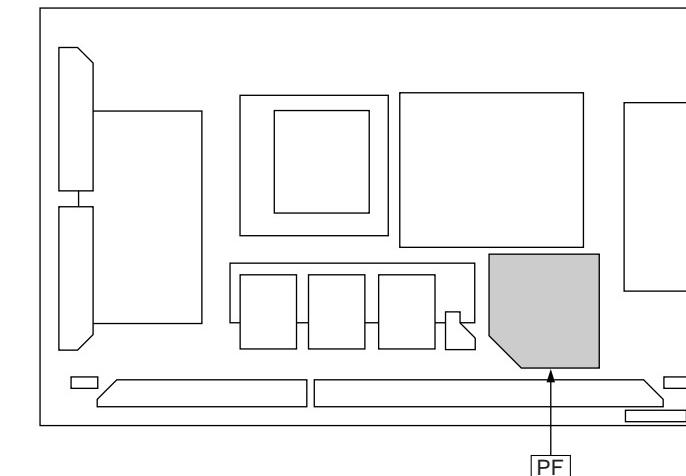
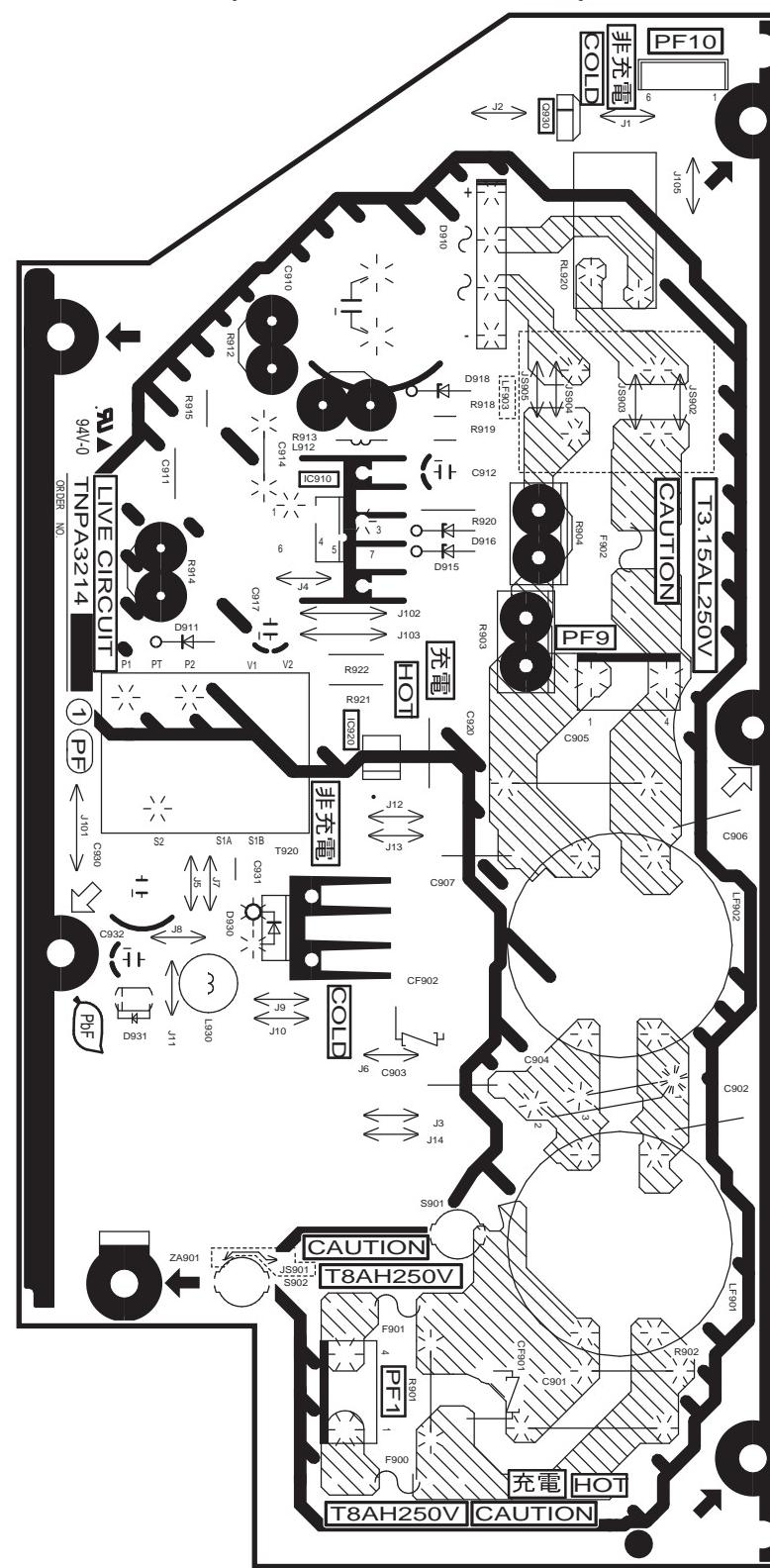


Parts Location

PF-BOARD (FOIL SIDE)	
IC	TP
IC910	C-5
IC920	C-4
IC930	C-3
TRANSISTOR	
Q930	B-6
TP921	C-5
TP922	C-5
TP923	C-5
TP930	D-3
TP931	C-3

TH-37PW7BX/EX
TH-37PWD7BK/EK/UY
PF-BOARD TXNPF10VBS

PF-BOARD(COMPONENT SIDE) TXNPF10VBS (FOR 37 INCH MODELS)



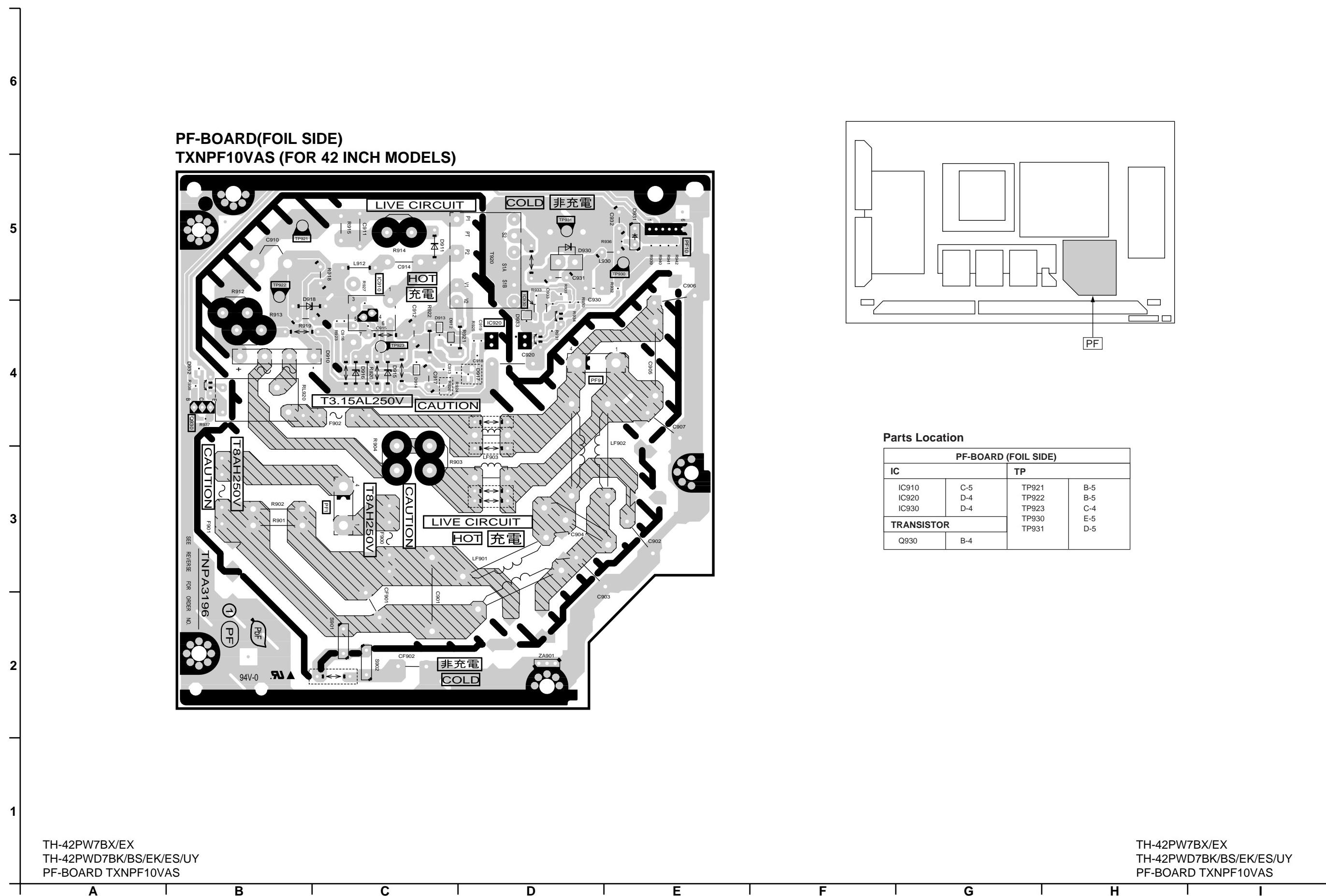
Parts Locatio

PF-BOARD (COMPONENT SIDE)			
IC	TRANSISTOR		
IC910	C-5	Q930	C-6
IC920	C-4		

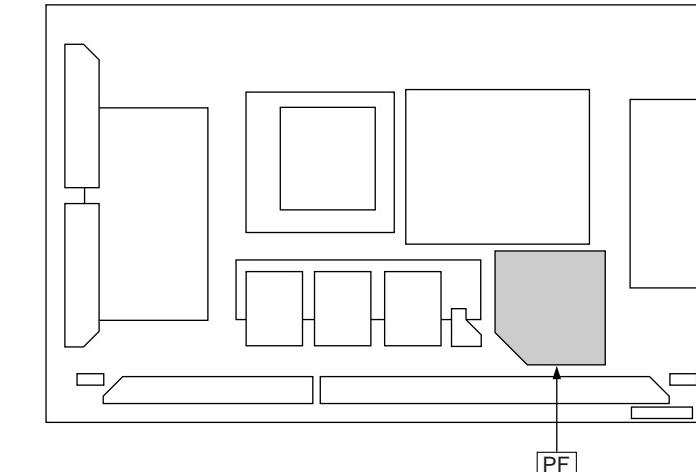
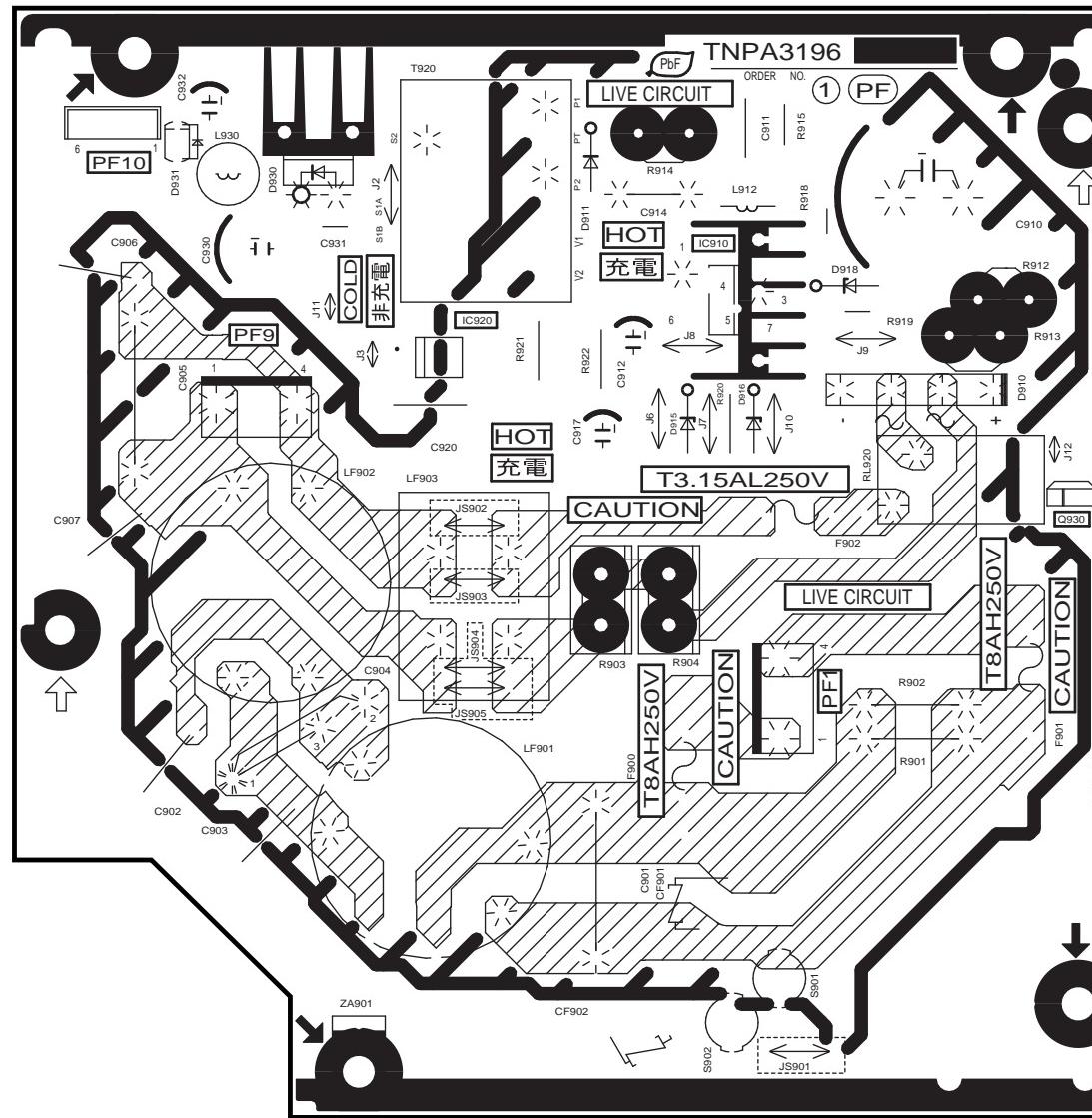
TH-37PW7BX/EX
TH-37PWD7BK/EK/UY
PF-BOARD TXNPF10VBS

TH-37PW7BX/EX
TH-37PWD7BK/EK/UY
PF-BOARD TXNPF10VBS

14.2. PF-Board (42 inch)



**PF-BOARD(COMPONENT SIDE)
TXNPF10VAS (FOR 42 INCH MODELS)**



Parts Location

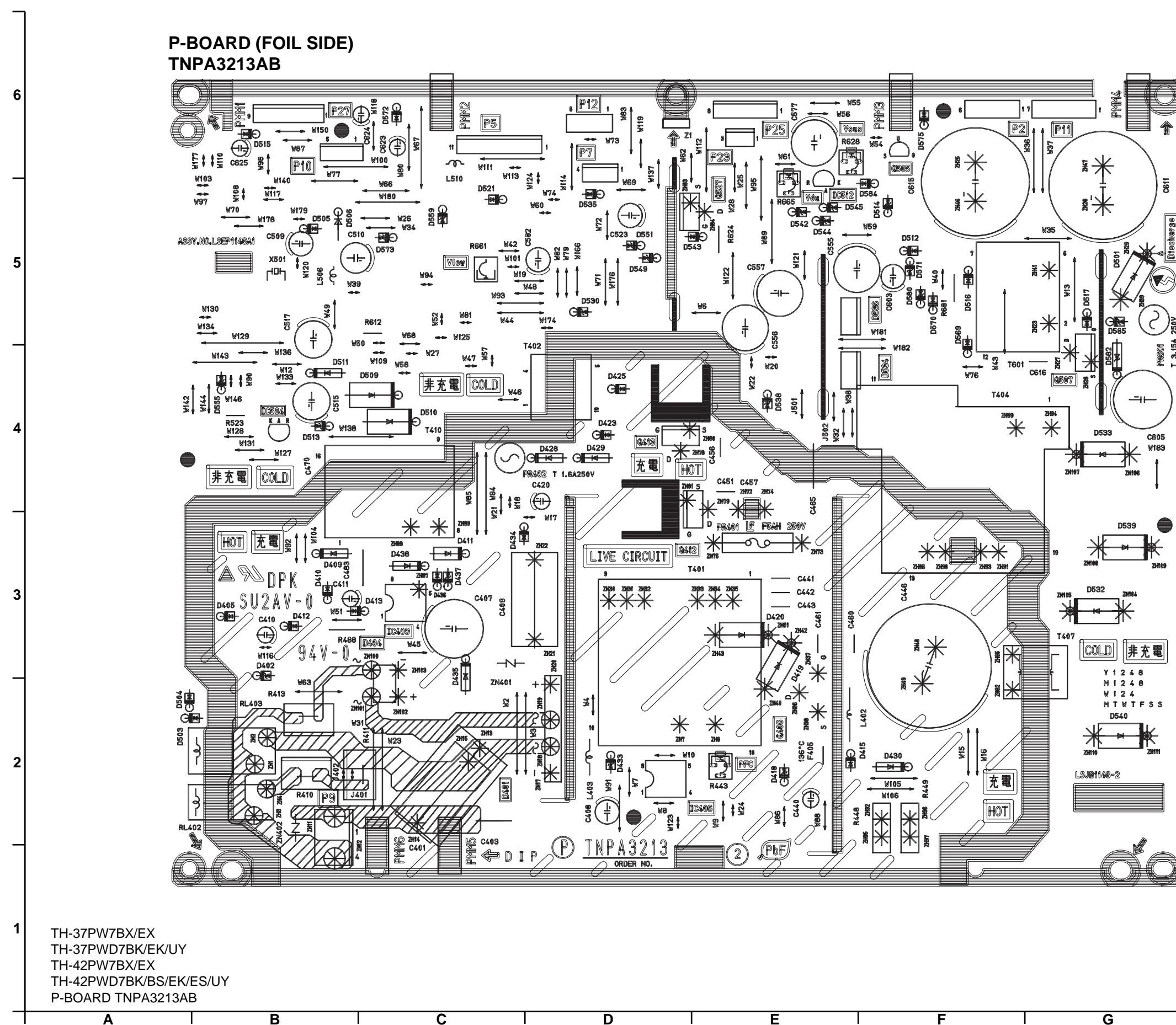
PF-BOARD (COMPONENT SIDE)			
IC	TRANSISTOR		
IC910	D-5	Q930	E-4
IC920	C-4		

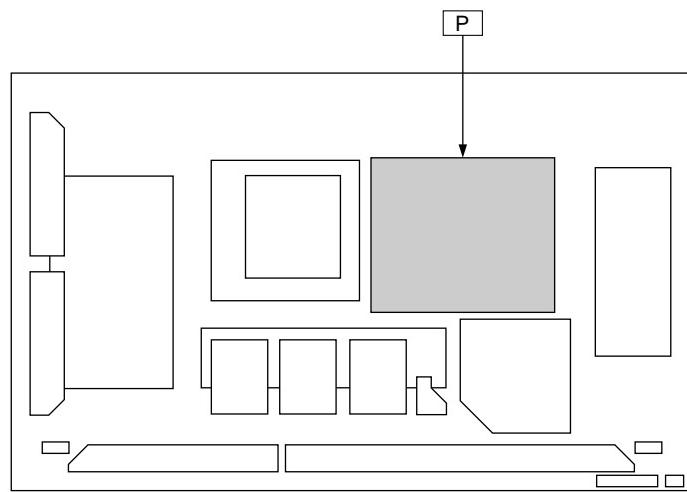
TH-42PW7BX/EX
TH-42PWD7BK/BS/EK/ES/UY
PF-BOARD TXNPF10VAS

TH-42PW7BX/EX
TH-42PWD7BK/BS/EK/ES/UY
PF-BOARD TXNPF10VAS

14.3. P-Board

P-BOARD (FOIL SIDE)
TNPA3213AB



**Parts Location**

		P-BOARD (FOIL SIDE)		IC	TRANSISTOR	Q516	C-3	TP
IC401	H-3	Q401	F-1	Q517	B-3	TP2	D-3	
IC402	H-3	Q403	G-3	Q518	F-4	TP3	D-3	
IC403	H-3	Q404	D-2	Q519	F-4	TP4	D-3	
IC404	H-3	Q406	D-3	Q520	B-3	TP5	E-2	
IC406	F-2	Q407	E-1	Q521	H-4	TP6	E-2	
IC408	G-3	Q410	D-1	Q522	H-5	TP7	E-2	
IC409	G-3	Q411	D-1	Q524	G-4	TP8	E-2	
IC501	H-5	Q412	E-4	Q525	B-2	TP9	C-6	
IC502	H-5	Q413	E-4	Q527	F-5	TP10	C-6	
IC503	H-4	Q414	C-2	Q528	B-3	TP10	D-2	
IC504	H-4	Q415	B-1	Q530	F-5	TP11	C-6	
IC511	G-5	Q416	H-2	Q531	F-5	TP12	C-6	
IC512	F-6	Q420	F-1	Q532	G-5	TP13	F-4	
IC520	G-4	Q421	F-3	Q535	H-5			
IC521	B-3	Q501	H-4	Q537	G-5			
IC522	B-3	Q502	H-4	Q540	G-4			
IC523	G-4	Q503	H-5	Q541	G-4			
		Q504	H-5	Q542	F-5			
		Q506	B-2	Q543	G-4			
		Q508	G-5	Q544	G-5			
		Q509	G-5	Q545	F-4			
		Q510	G-5	Q546	G-5			
		Q511	B-4	Q547	H-4			
		Q512	B-3	Q550	H-5			
		Q513	B-3	Q551	H-5			
		Q514	B-2	Q552	H-5			
		Q515	B-2	Q553	G-6			
				Q554	G-6			

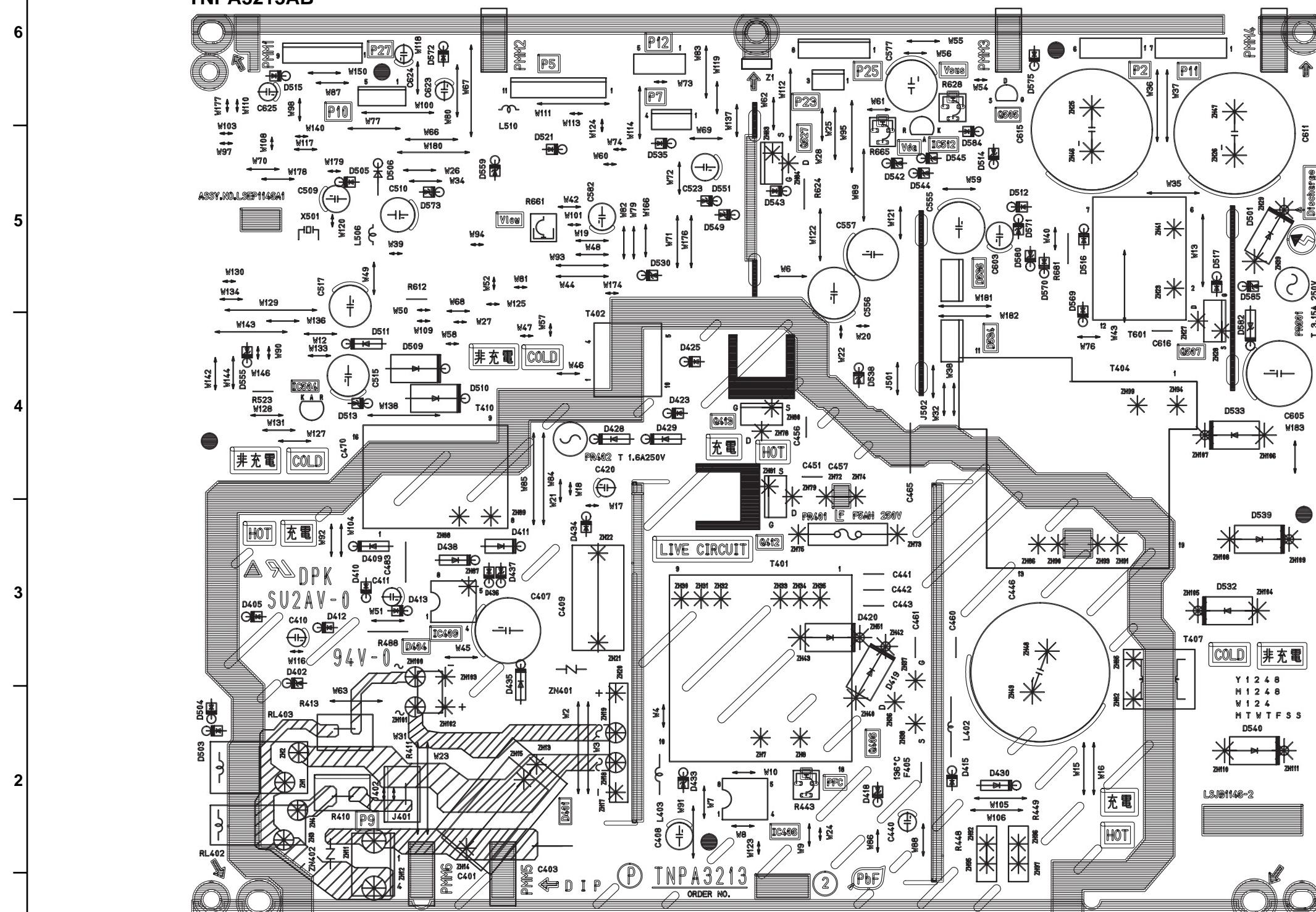
Parts Location

		P-BOARD (COMPONENT SIDE)	
		IC	TRANSISTOR
IC406	D-2	Q406	E-3
IC409	C-3	Q410	G-1
IC504	B-4	Q412	D-4
IC511	C-5	Q413	E-4
IC512	D-6	Q414	G-2
		Q415	H-1
		Q527	D-5
		Q531	D-5

TH-37PW7BX/EX
TH-37PWD7BK/EK/UY
TH-42PW7BX/EX
TH-42PWD7BK/BS/EK/ES/UY
P-BOARD TNPA3213AB

TH-37PW7BX/EX
TH-37PWD7BK/EK/UY
TH-42PW7BX/EX
TH-42PWD7BK/BS/EK/ES/UY
P-BOARD TNPA3213AB

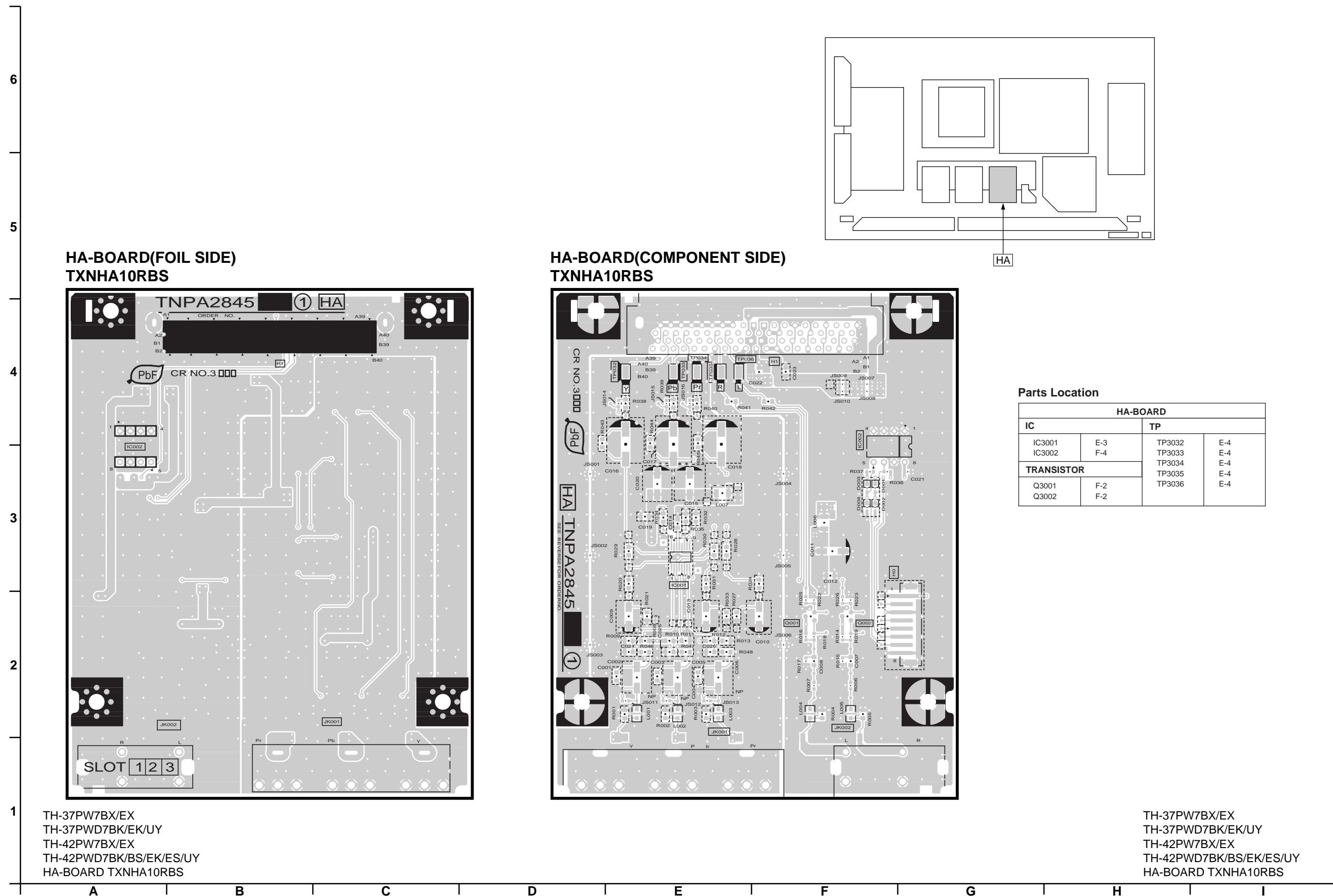
P-BOARD (COMPONENT SIDE) TNPA3213AB



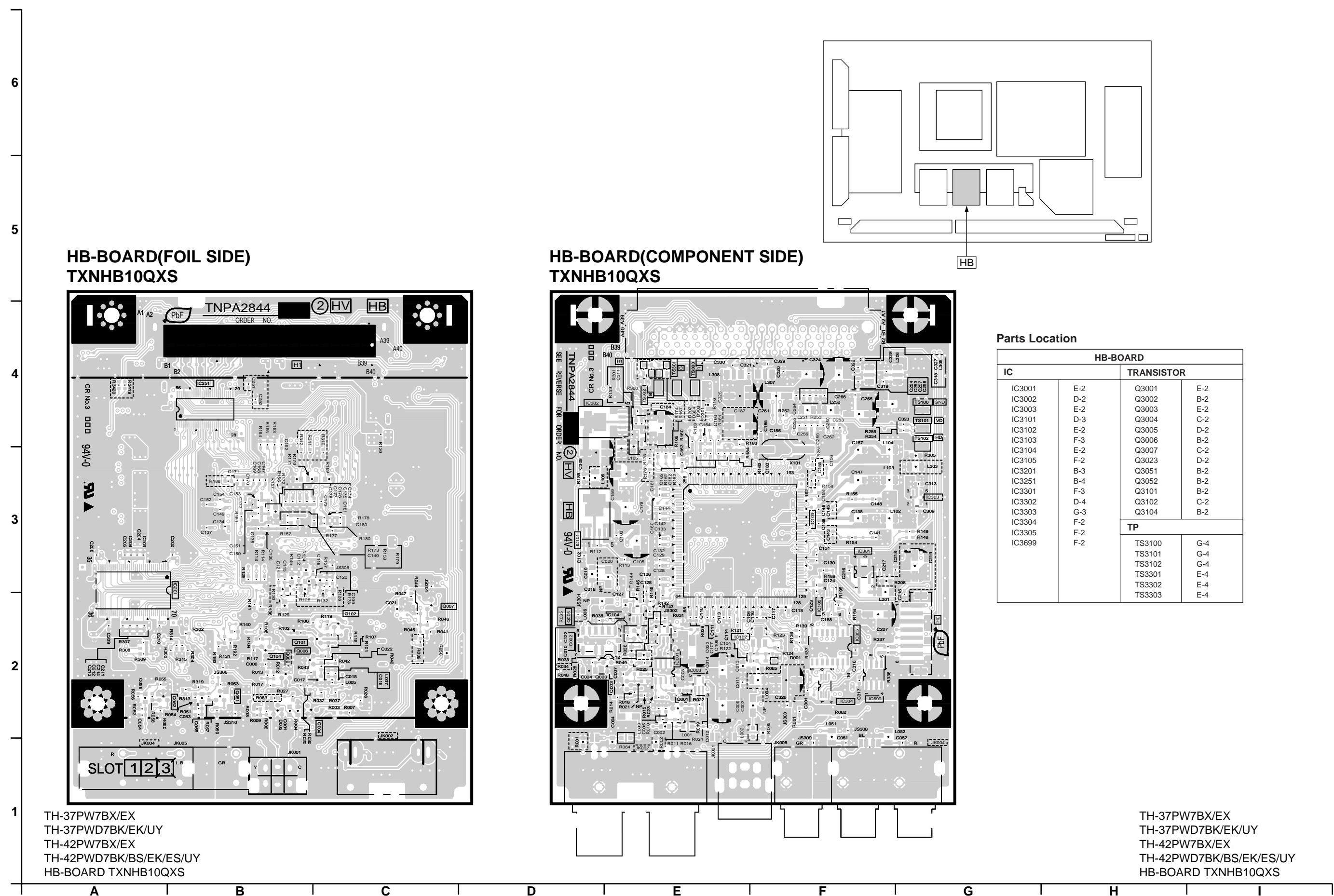
1 TH-37PW7BX/EX
TH-37PWD7BK/EK/UY
TH-42PW7BX/EX
TH-42PWD7BK/BS/EK/ES/UY
P-BOARD TNPA3213AB

TH-37PW7BX/EX
TH-37PWD7BK/EK/UY
TH-42PW7BX/EX
TH-42PWD7BK/BS/EK/ES/UY
P-BOARD TNPA3213AB

14.4. HA-Board

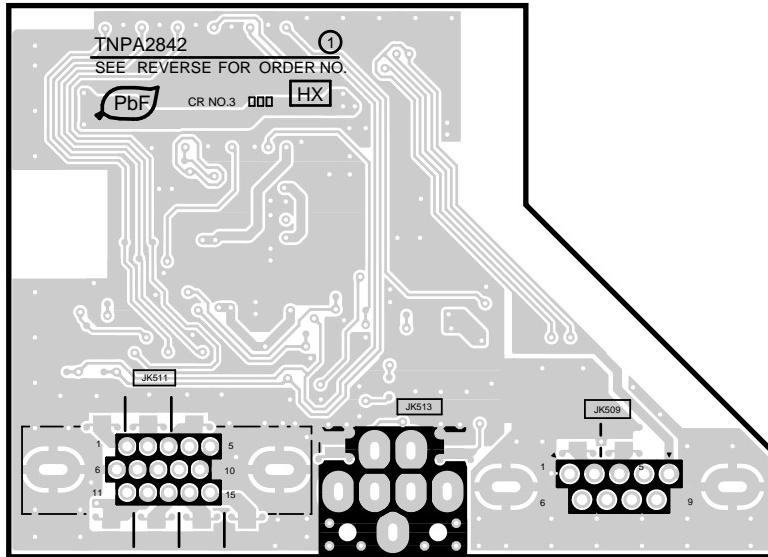


14.5. HB-Board

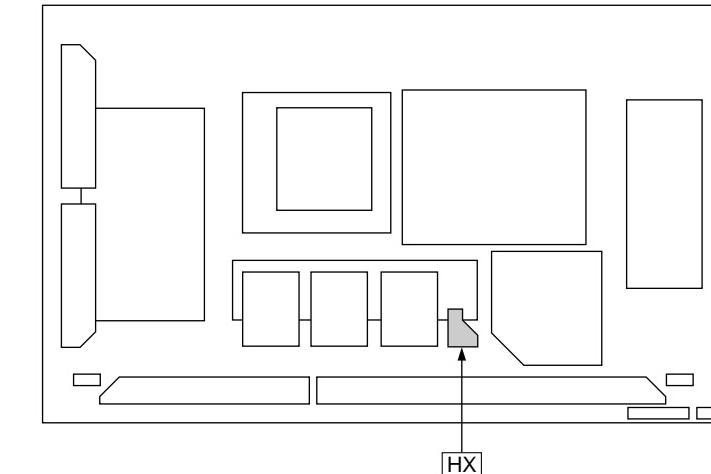
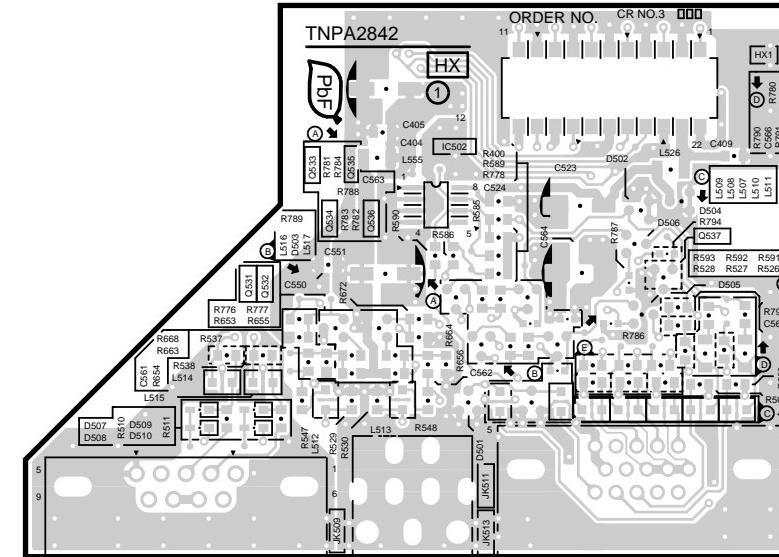


14.6. HX-Board (37 inch)

**HX-BOARD(FOIL SIDE)
TZNTP01VBSE (FOR 37 INCH MODELS)**



**HX-BOARD(COMPONENT SIDE)
TZNTP01VBSE (FOR 37 INCH MODELS)**



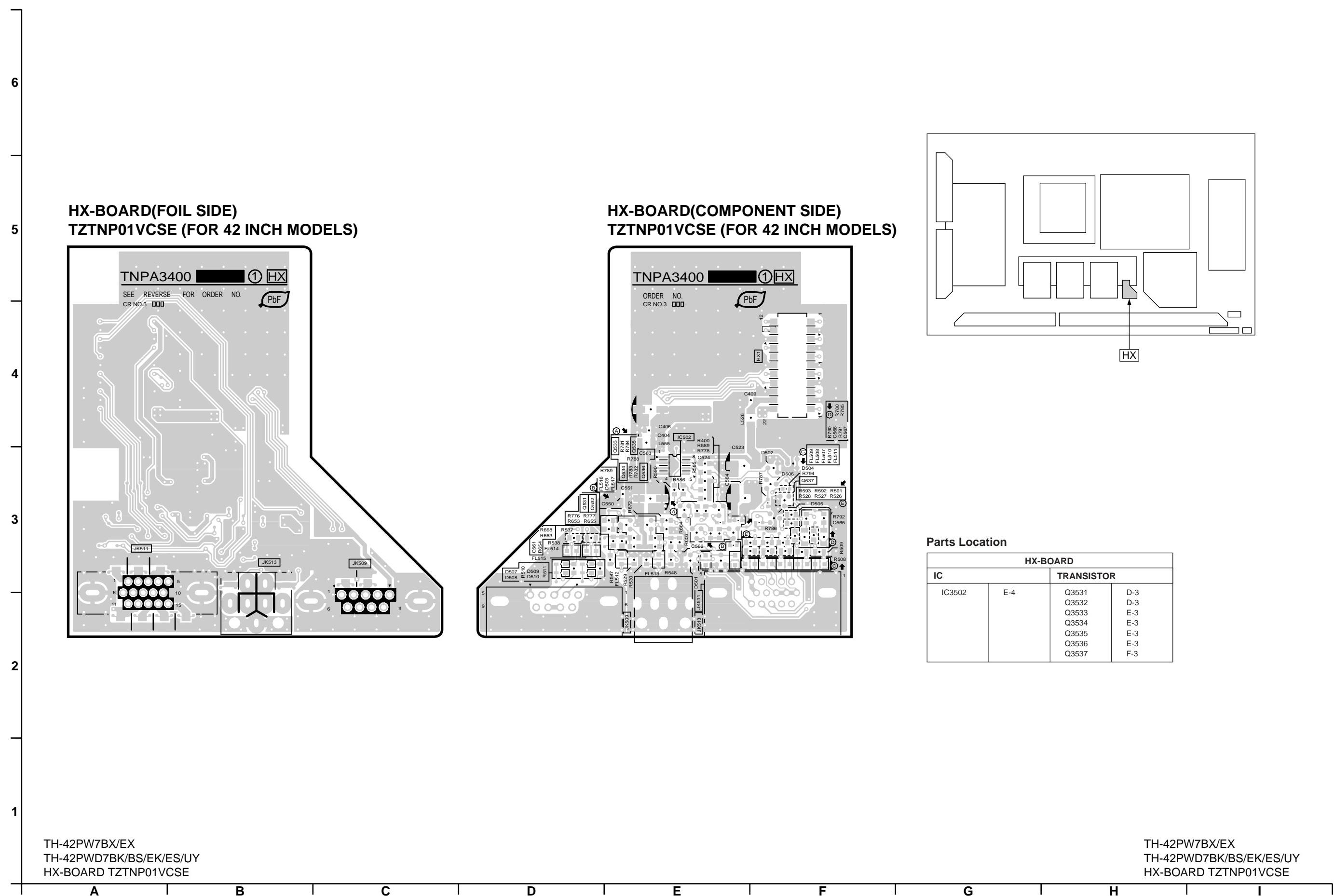
Parts Location

HX-BOARD			
IC	TRANSISTOR		
IC3502	E-4	Q3531 Q3532 Q3533 Q3534 Q3535 Q3536 Q3537	D-4 D-4 E-4 E-4 E-4 E-4 F-4

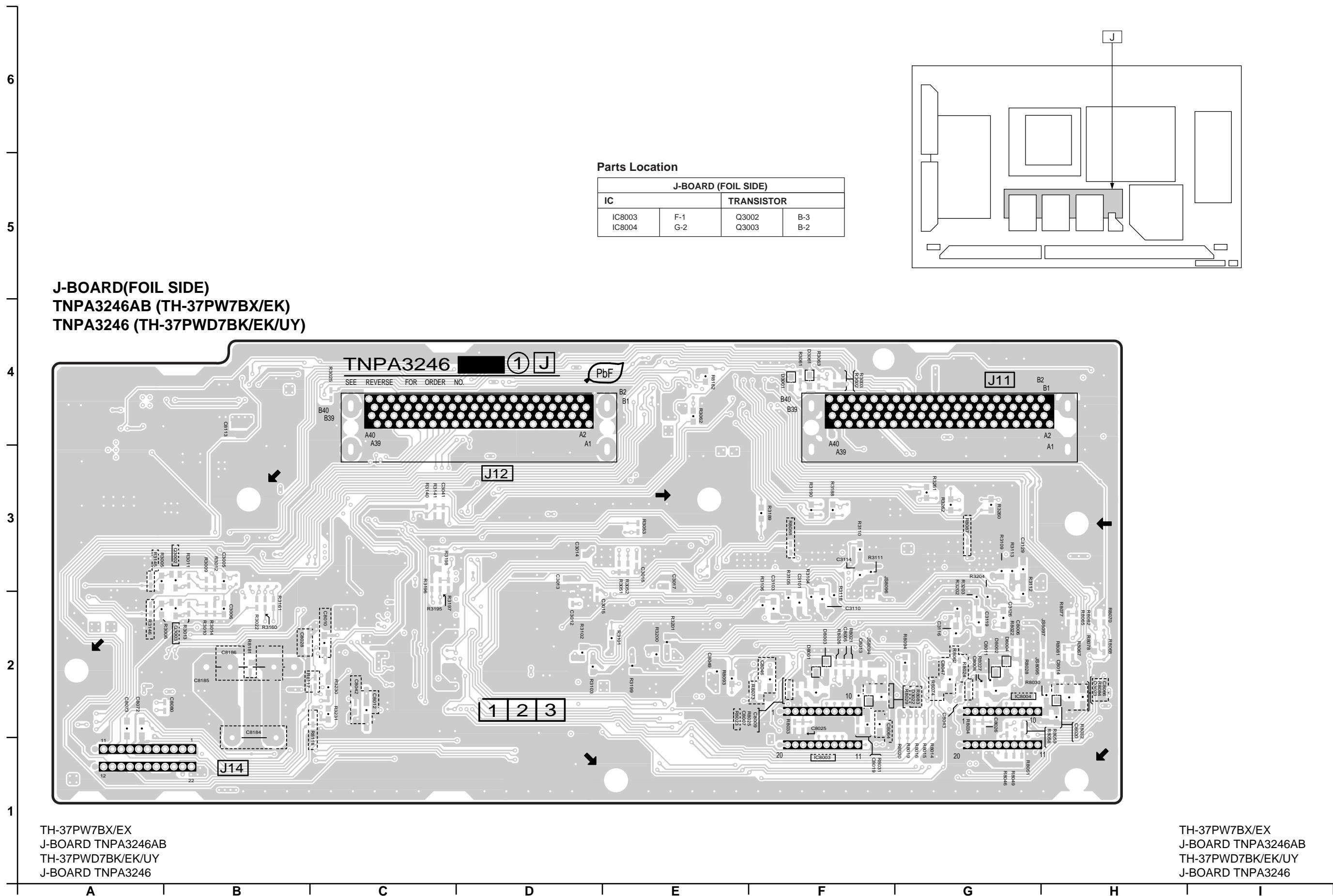
TH-37PW7BX/EX
TH-37PWD7BK/EK/UY
HX-BOARD TZNTP01VBSE

TH-37PW7BX/EX
TH-37PWD7BK/EK/UY
HX-BOARD TZNTP01VBSE

14.7. HX-Board (42 inch)

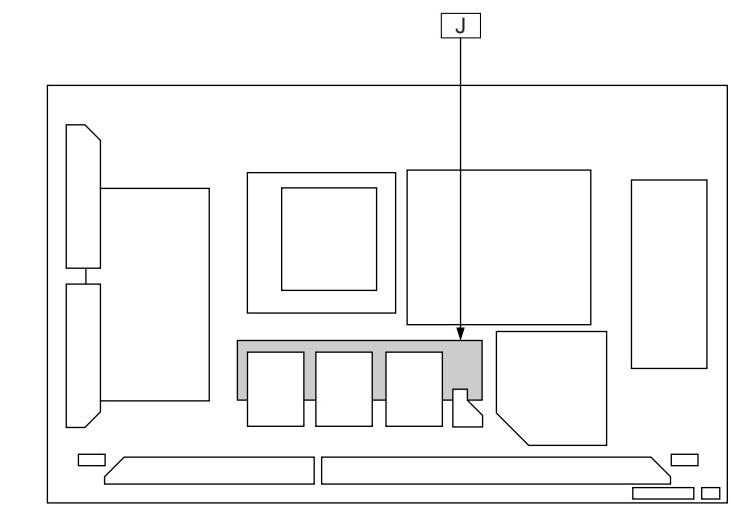


14.8. J-Board (37 inch)

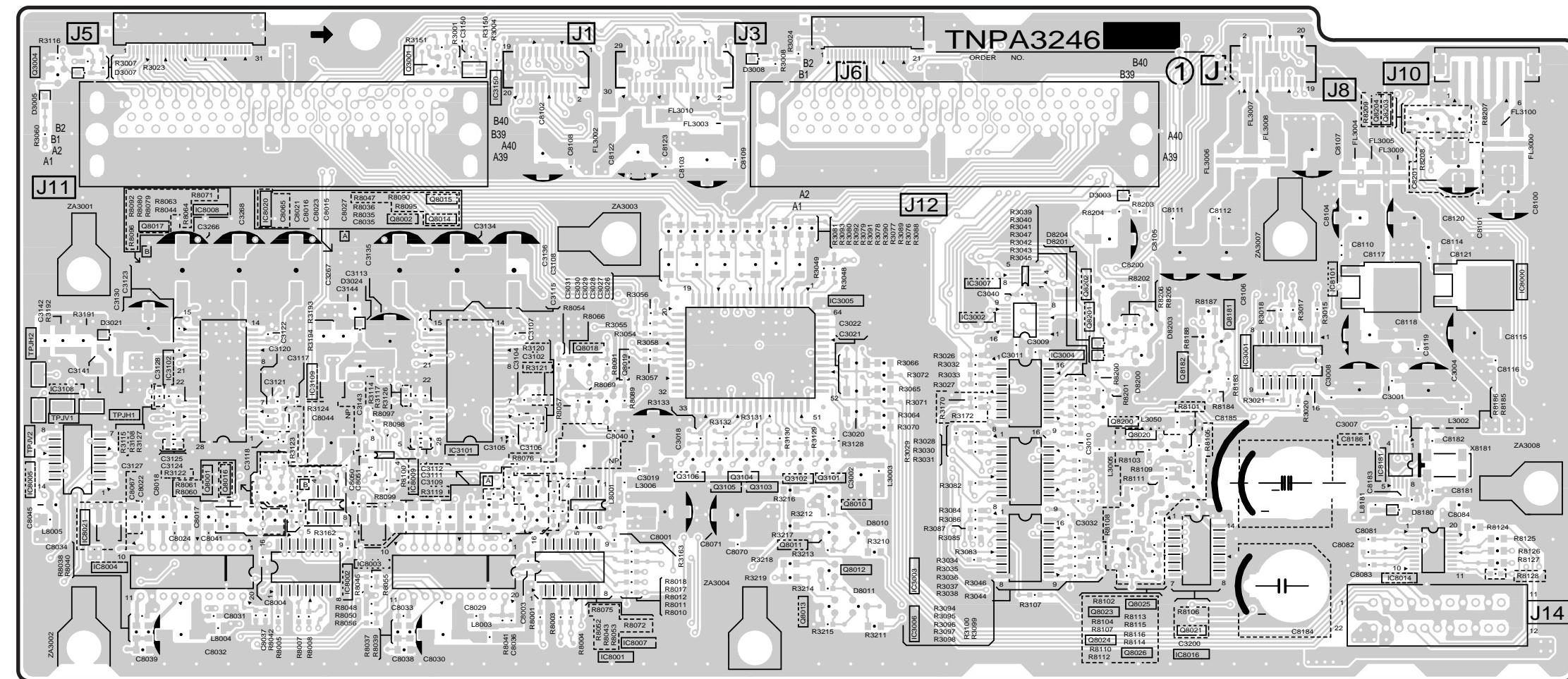


Parts Location

J-BOARD (COMPONENT SIDE)		
IC	G-3	E-3
IC3001		
IC3002		
IC3003		
IC3004		
IC3005		
IC3006		
IC3007		
IC3101	C-2	
IC3102	F-1	
IC3108	B-3	
IC3109	A-2	
IC3150	G-3	
IC8000		
IC8001		
IC8002		
IC8003		
IC8004		
IC8005		
IC8007		
IC8008		
TRANSISTOR		
Q3001	C-4	
Q3004	A-4	
Q3101	E-2	
Q3102	D-2	
Q3103	D-2	
Q3104	D-2	
Q3105	D-2	
Q3106	D-2	
Q8001	B-2	
Q8002	C-3	
Q8003	E-2	
Q8004	D-2	
Q8005	A-2	
Q8007	D-1	
Q8008	B-3	
Q8011	D-2	
Q8012	C-3	
Q8014	C-3	
Q8015	C-3	
Q8016	B-2	
Q8017	A-3	
Q8018	C-3	
Q8019	D-3	
Q8020	F-2	
Q8021	F-1	
Q8023	F-1	
Q8024	F-1	
Q8025	F-1	
Q8026	F-1	
Q8181	F-3	
Q8182	F-2	
Q8200	F-2	
Q8201	F-3	
Q8202	F-3	
Q8203	G-4	
Q8204	G-4	



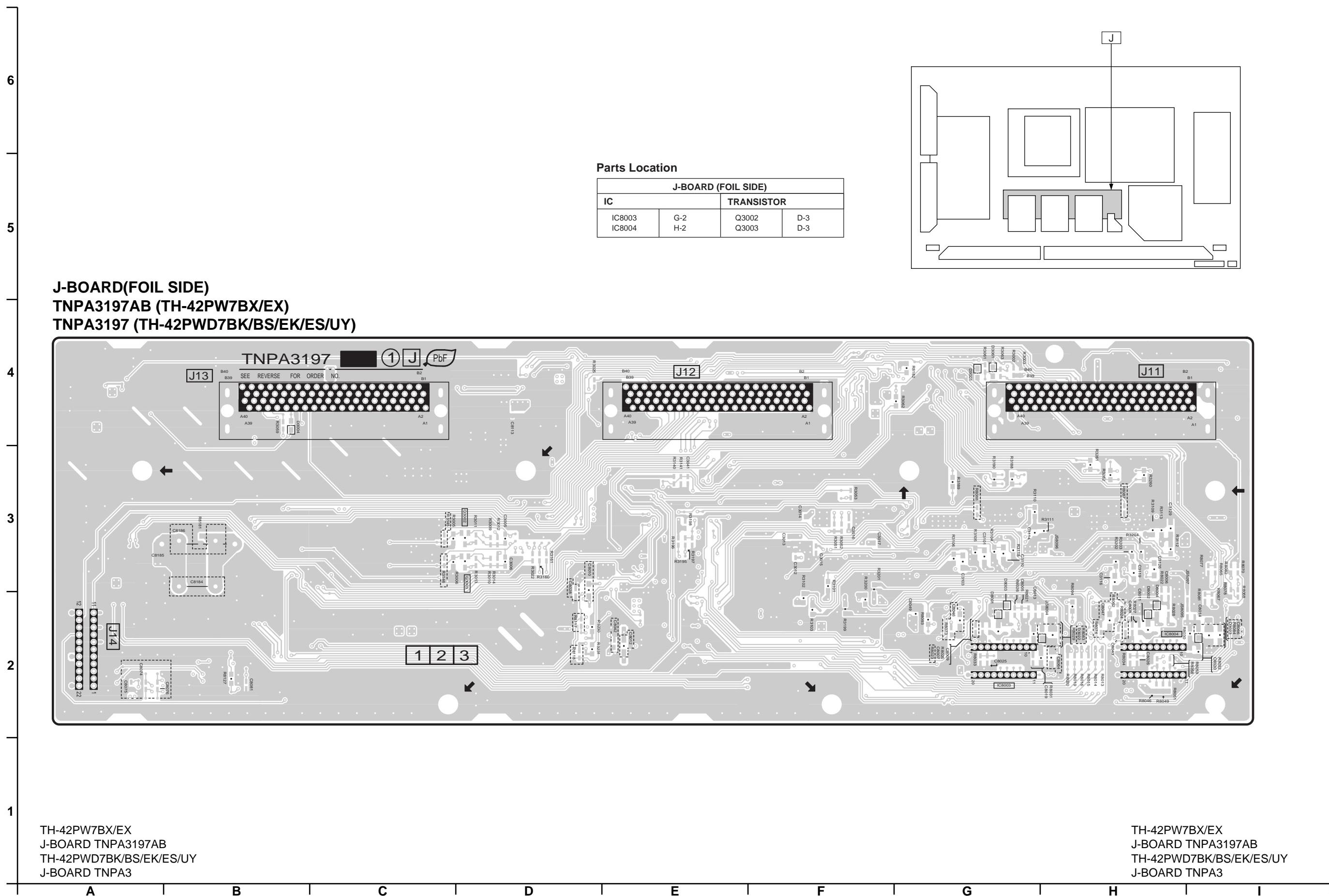
J-BOARD(COMPONENT SIDE)
TNPA3246AB (TH-37PW7BX/EK)
TNPA3246 (TH-37PWD7BK/EK/UY)



TH-37PW7BX/EX
 J-BOARD TNPA3246AB
 TH-37PWD7BK/EK/UY
 J-BOARD TNPA3246

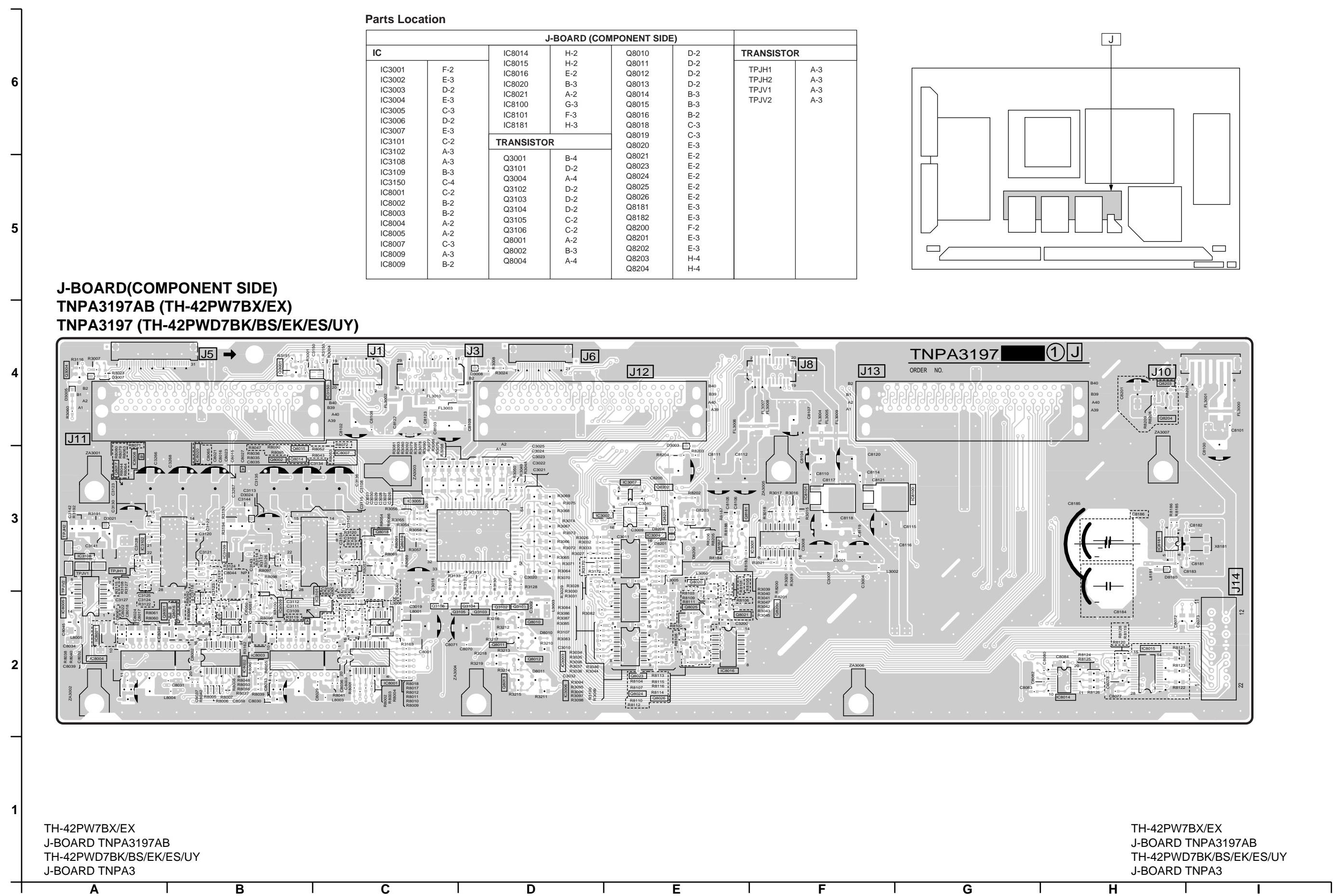
TH-37PW7BX/EK
 J-BOARD TNPA3246AB
 TH-37PWD7BK/EK/UY
 J-BOARD TNPA3246

14.9. J-Board (42 inch)



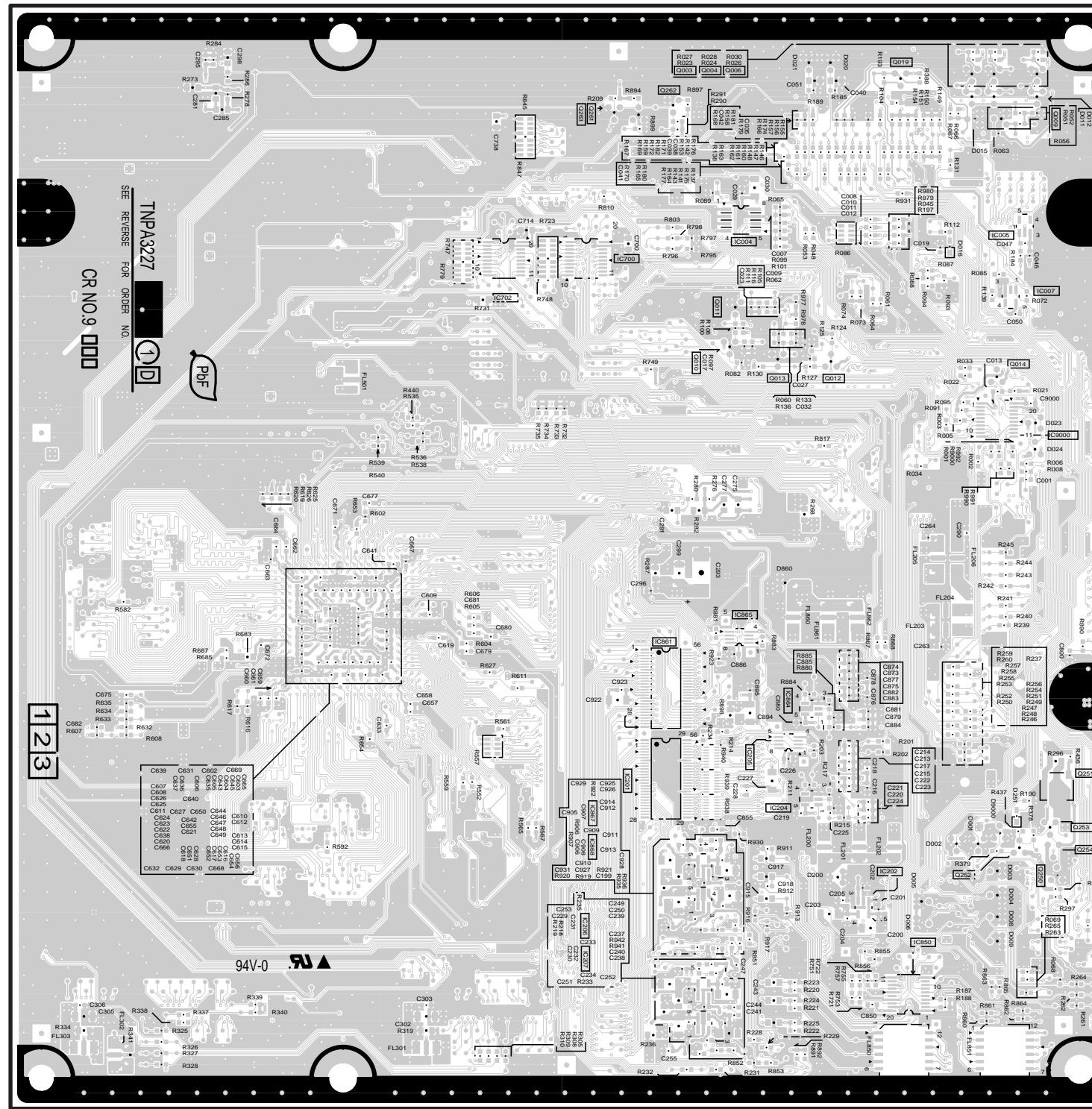
TH-42PW7BX/EX
J-BOARD TNPA3197AB
TH-42PWD7BK/BS/EK/ES/UY
J-BOARD TNPA3

TH-42PW7BX/EX
J-BOARD TNPA3197AB
TH-42PWD7BK/BS/EK/ES/UY
J-BOARD TNPA3

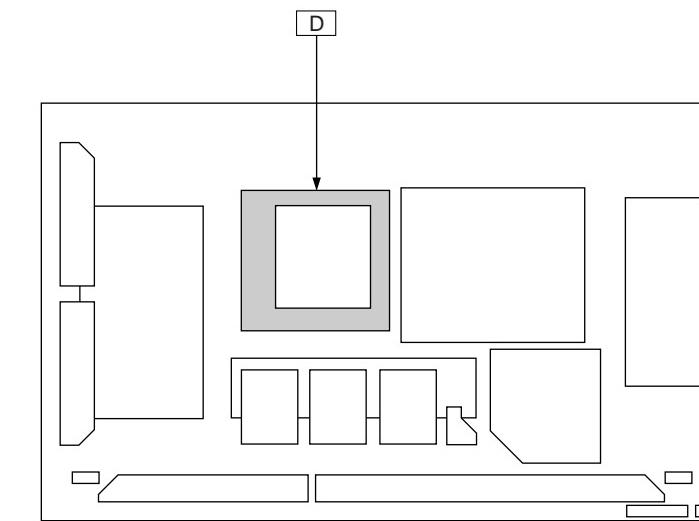


14.10. D-Board

D-BOARD(FOIL SIDE)
TZTNP01VMSU (TH-37PW7BX/EX)
TZTNP01VBSU (TH-37PWD7BK/EK/UY)
TZTNP01VLSU (TH-42PW7BX/EX)
TZTNP01VASU (TH-42PWD7BK/BS/EK/ES/UY)



TH-37PW7BX/EX D-BOARD TZTNP01VMSU
 TH-37PWD7BK/EK/UY D-BOARD TZTNP01VBSU
 TH-42PW7BX/EX D-BOARD TZTNP01VLSU
 TH-42PWD7BK/BS/EK/ES/UY D-BOARD TZTNP01VASU

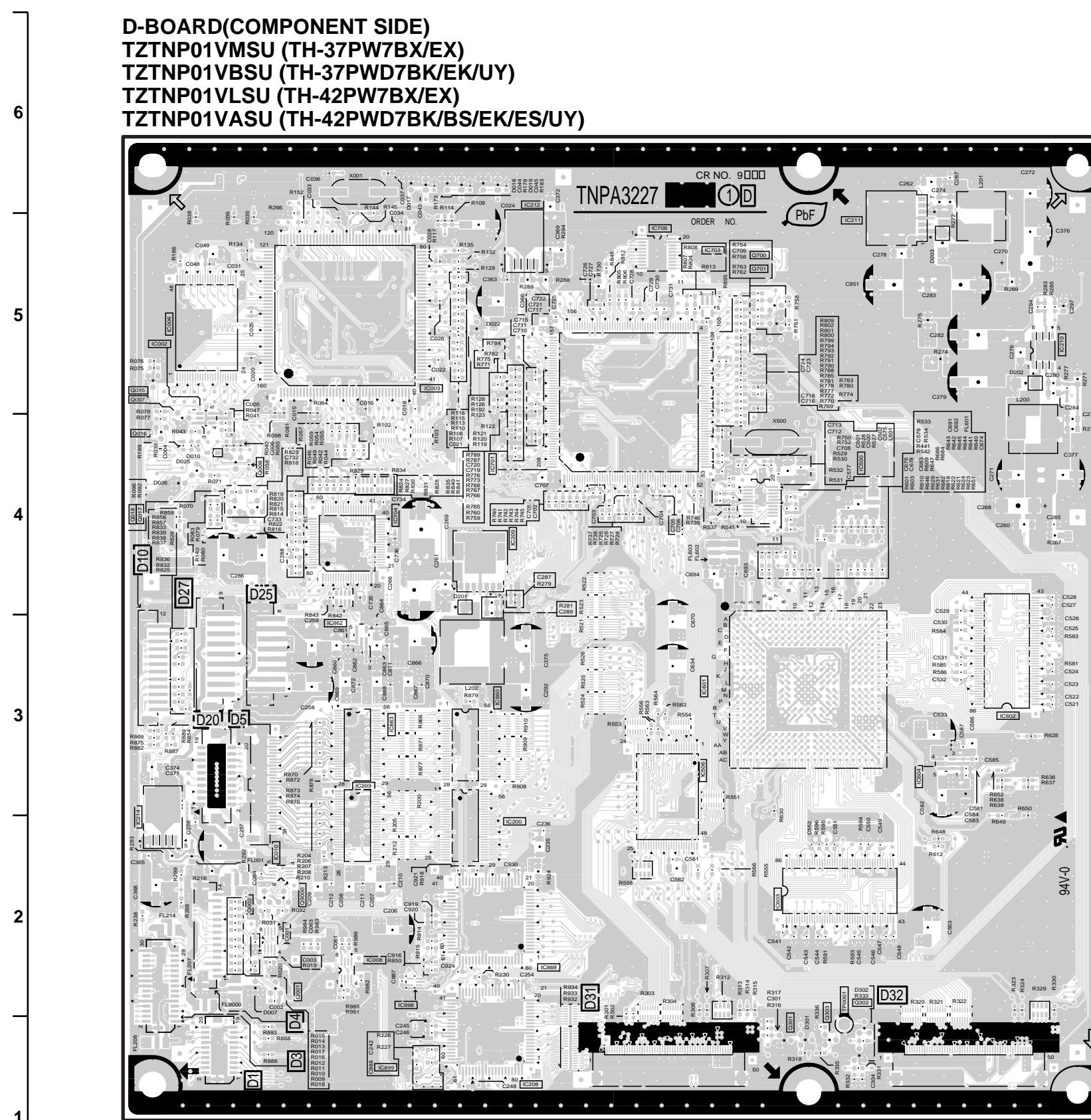


Parts Location

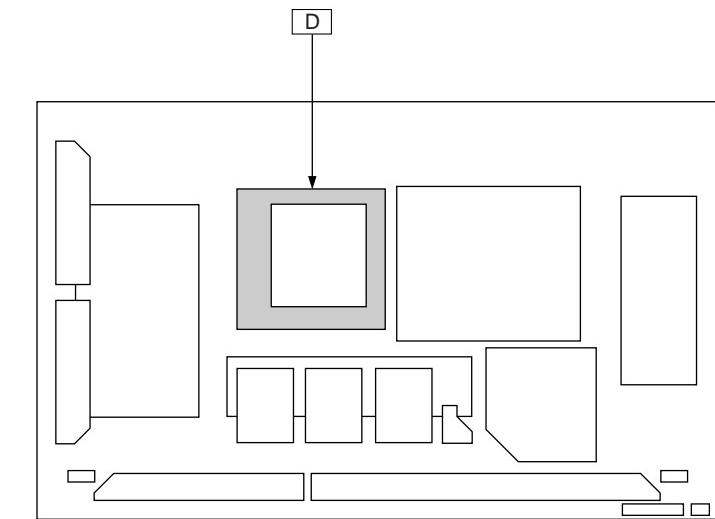
D-BOARD (FOIL SIDE)			
IC	TRANSISTOR		
IC9000	F-4	Q9003	D-6
IC9004	D-5	Q9004	D-6
IC9005	E-5	Q9006	D-6
IC9007	F-5	Q9009	F-5
IC9201	D-2	Q9010	D-4
IC9202	E-2	Q9011	D-5
IC9204	D-2	Q9012	E-4
IC9205	D-2	Q9013	D-4
IC9206	D-2	Q9014	E-4
IC9207	D-2	Q9019	E-6
IC9700	D-5	Q9250	F-2
IC9702	C-5	Q9251	F-2
IC9850	E-2	Q9252	E-2
IC9861	D-3	Q9253	F-2
IC9864	D-3	Q9254	F-2
IC9866	D-3	Q9261	D-5
IC9867	D-2	Q9262	D-6
IC9868	D-2	Q9263	D-5

TH-37PW7BX/EX D-BOARD TZTNP01VMSU
 TH-37PWD7BK/EK/UY D-BOARD TZTNP01VBSU
 TH-42PW7BX/EX D-BOARD TZTNP01VLSU
 TH-42PWD7BK/BS/EK/ES/UY D-BOARD TZTNP01VASU

D-BOARD(COMPONENT SIDE)
TZTNP01VMSU (TH-37PW7BX/EX)
TZTNP01VBSU (TH-37PWD7BK/EK/UY)
TZTNP01VLSU (TH-42PW7BX/EX)
TZTNP01VASU (TH-42PWD7BK/BS/EK/ES/UY)



TH-37PW7BX/EX D-BOARD TZTNP01VMSU
 TH-37PWD7BK/EK/UY D-BOARD TZTNP01VBSU
 TH-42PW7BX/EX D-BOARD TZTNP01VLSU
 TH-42PWD7BK/BS/EK/ES/UY D-BOARD TZTNP01VASU

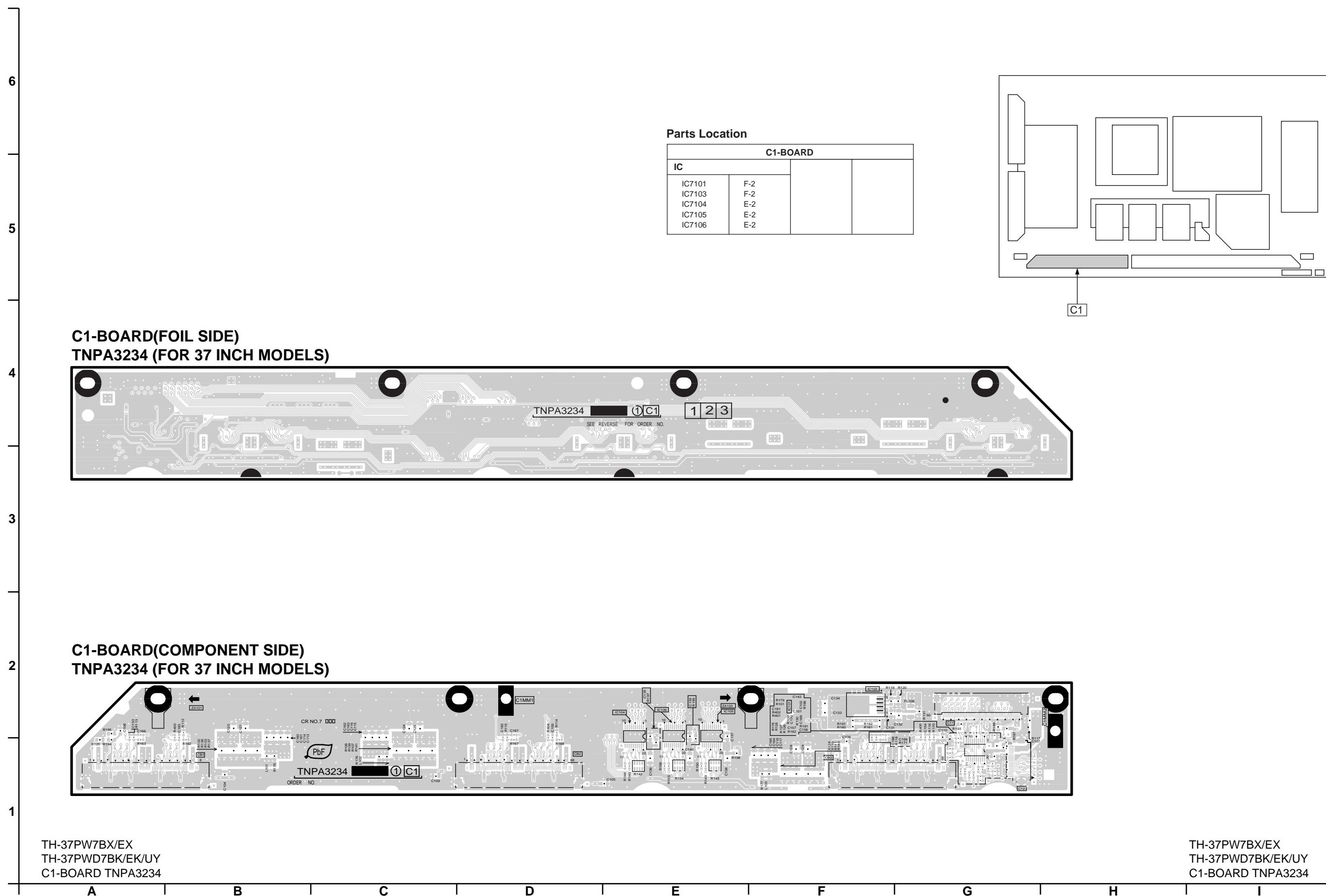


Parts Location

D-BOARD (COMPONENT SIDE)			
IC	TRANSISTOR		
IC9001	B-2	Q9000	B-2
IC9002	A-5	Q9001	B-2
IC9003	B-5	Q9002	B-2
IC9006	A-5	Q9007	A-5
IC9008	B-2	Q9008	B-4
IC9010	B-2	Q9015	A-5
IC9200	C-2	Q9016	A-4
IC9203	B-3	Q9017	A-4
IC9208	C-1	Q9018	A-4
IC9209	C-4	Q9301	D-1
IC9210	F-5	Q9302	E-2
IC9211	E-5	Q9303	D-1
IC9212	C-6	Q9700	D-5
IC9214	A-2	Q9701	D-5
IC9500	E-4		
IC9506	D-2		
IC9601	D-3		
IC9602	E-3		
IC9603	D-2		
IC9604	E-3		
IC9701	C-4		
IC9703	D-5		
IC9704	B-4		
IC9706	D-5		
IC9860	C-3		
IC9862	B-3		
IC9863	B-3		
IC9869	C-2		
IC9888	B-2		
IC9899	B-1		
TRANSISTOR			
TP0001	E-1		

TH-37PW7BX/EX D-BOARD TZTNP01VMSU
 TH-37PWD7BK/EK/UY D-BOARD TZTNP01VBSU
 TH-42PW7BX/EX D-BOARD TZTNP01VLSU
 TH-42PWD7BK/BS/EK/ES/UY D-BOARD TZTNP01VASU

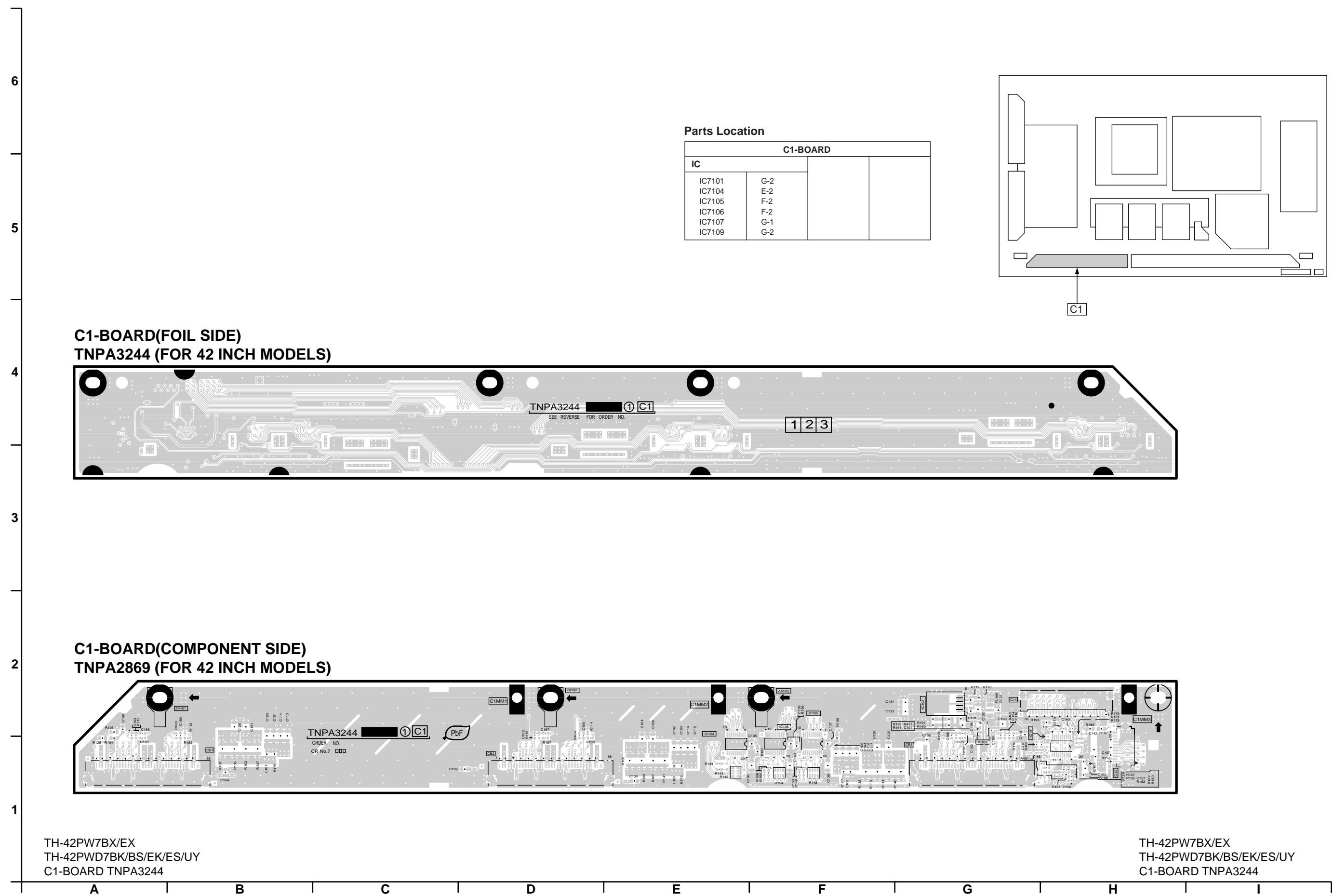
14.11. C1-Board (37 inch)



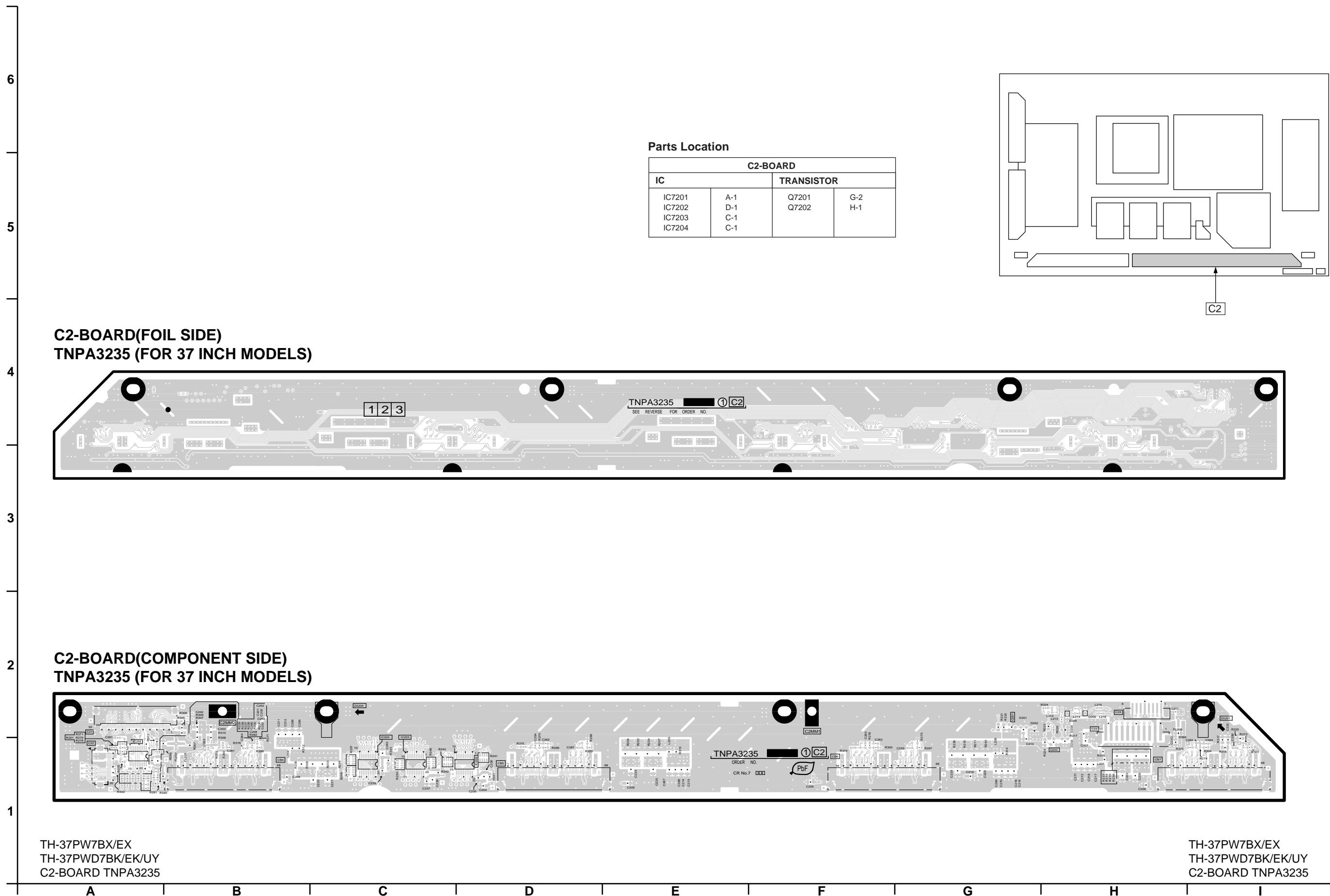
TH-37PW7BX/EX
TH-37PWD7BK/EK/UY
C1-BOARD TNPA3234

TH-37PW7BX/EX
TH-37PWD7BK/EK/UY
C1-BOARD TNPA3234

14.12. C1-Board (42 inch)



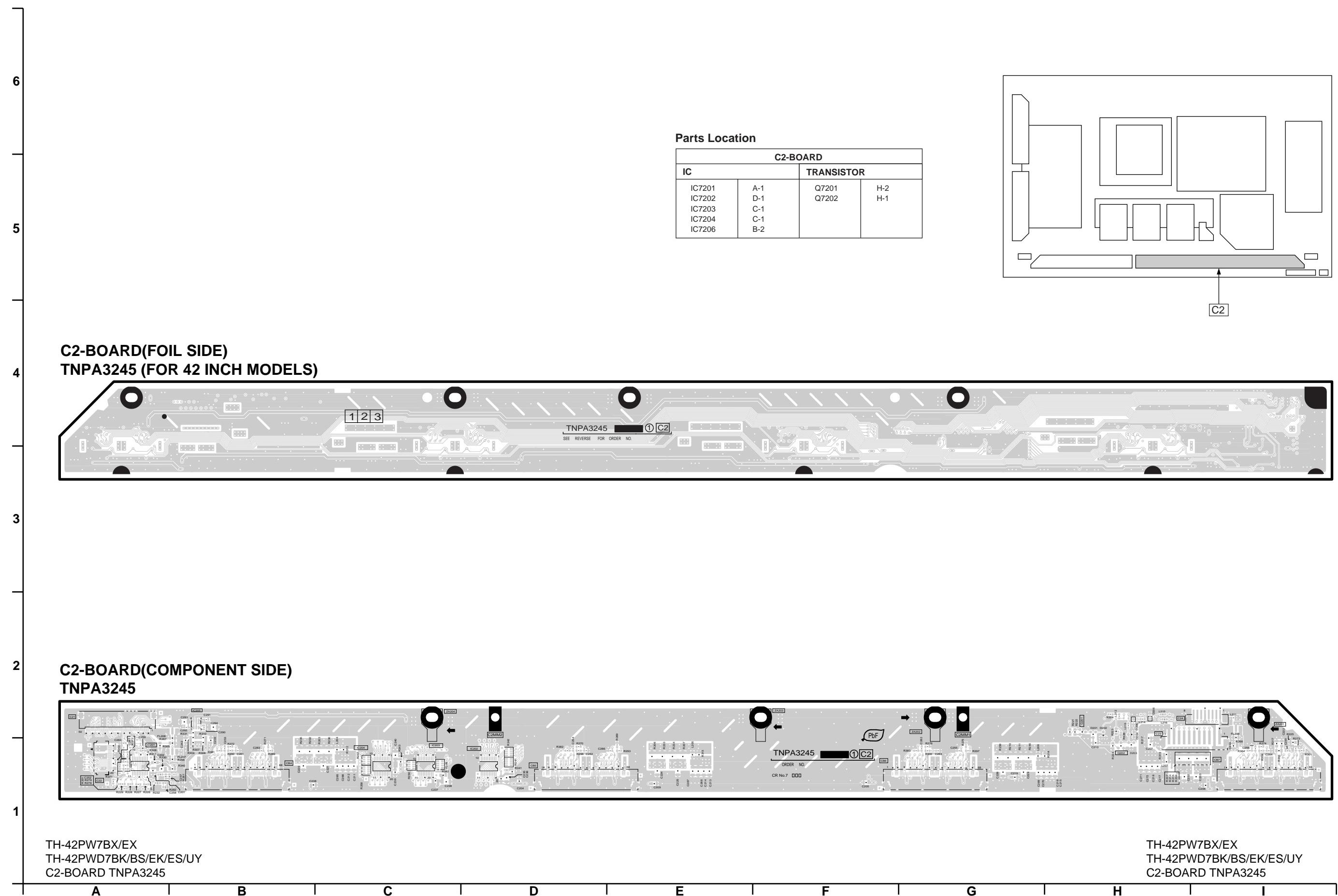
14.13. C2-Board (37 inch)



TH-37PW7BX/EX
TH-37PWD7BK/EK/UY
C2-BOARD TNPA3235

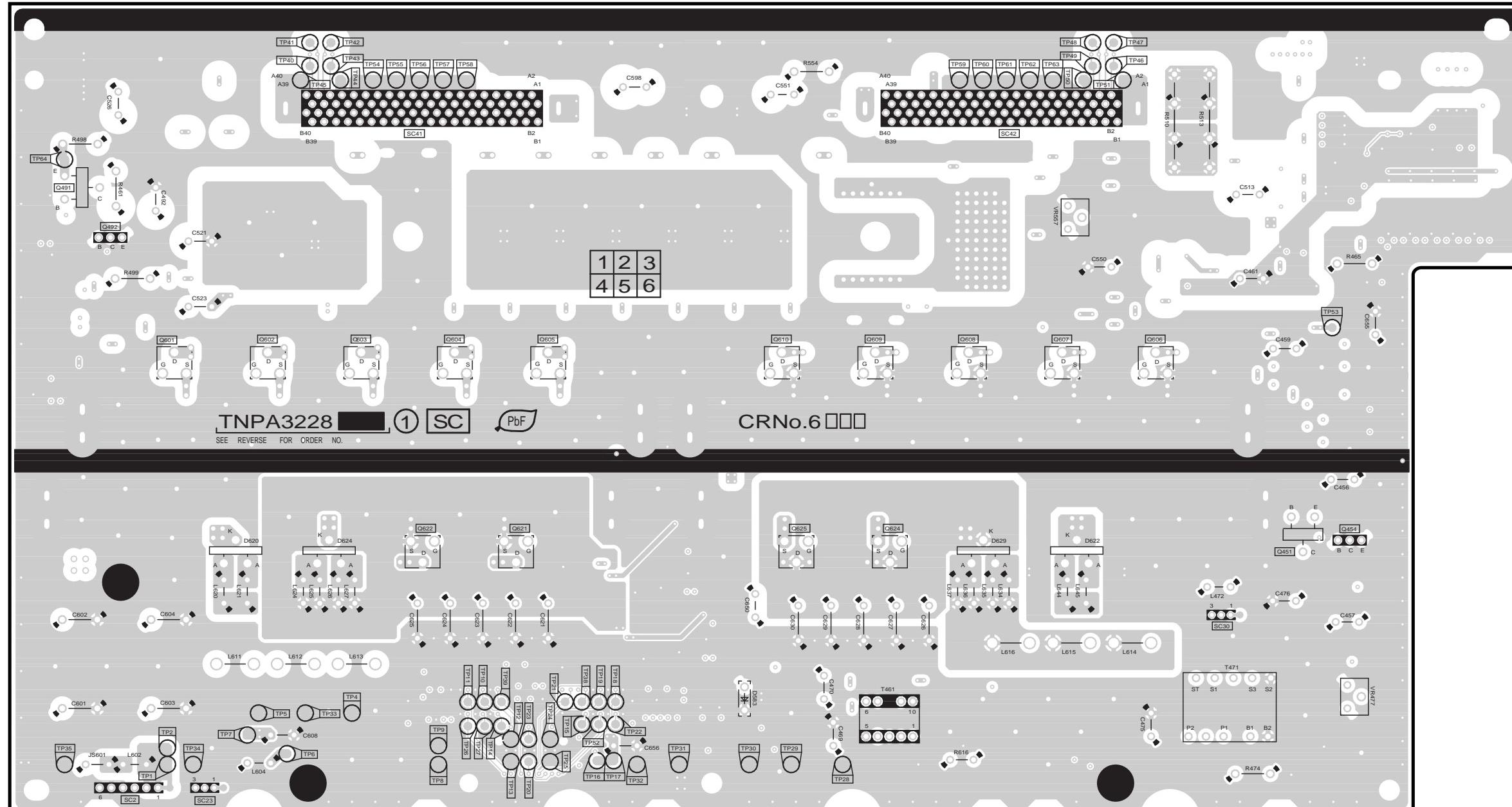
TH-37PW7BX/EX
TH-37PWD7BK/EK/UY
C2-BOARD TNPA3235

14.14. C2-Board (42 inch)



14.15. SC-Board

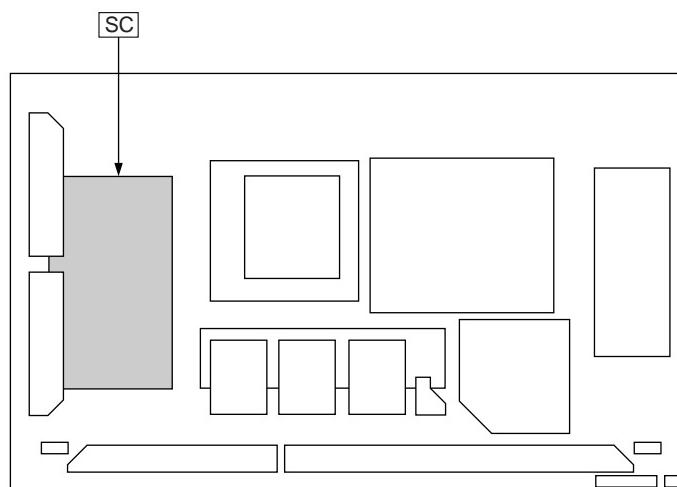
SC-BOARD(FOIL SIDE)
TXNSC10VBS (FOR 37 INCH MODELS)
TXNSC10VAS (FOR 42 INCH MODELS)



TH-37PW7BX/EX TH-42P
TH-37PWD7BK/EK/UY TH-42P
SC-BBOARD TXNSC10VBS SC-BOA

TH-42PW7BX/EX
TH-42PWD7BK/BS/EK/ES/U
SC-BOARD TXNSC10VAS

TH-37PW7BX/EX TH-42PW7BX/EX
TH-37PWD7BK/EK/UY TH-42PWD7BK/BS/EK/ES/UY
SC-BOARD TXNSC10VBS SC-BOARD TXNSC10VAS



Parts Location

SC-BOARD (FOIL SIDE)				
TRANSISTOR	TP		TP28	C-2
Q6451	H-3	TP1	B-2	TP28
Q6491	A-5	TP2	B-2	E-2
Q6492	A-4	TP4	C-2	TP30
Q6601	B-4	TP5	B-2	E-2
Q6602	B-4	TP6	B-2	TP32
Q6603	C-4	TP7	B-2	B-2
Q6604	C-4	TP8	C-2	TP34
Q6605	D-4	TP9	C-2	TP35
Q6606	G-4	TP10	C-2	A-2
Q6607	F-4	TP11	C-2	TP38
Q6608	F-4	TP12	D-2	TP39
Q6609	E-4	TP13	D-1	B-2
Q6610	E-4	TP14	C-2	TP40
Q6621	D-3	TP15	D-2	B-5
Q6622	C-3	TP16	D-2	TP41
Q6624	F-3	TP17	D-2	C-5
Q6625	E-3	TP18	D-2	TP42
		TP19	D-2	TP43
		TP20	D-1	C-5
		TP21	D-2	TP44
		TP22	D-2	C-5
		TP23	D-2	TP45
		TP24	D-2	B-5
		TP25	D-2	TP52
		TP27	C-2	D-2
			TP53	H-4
			TP54	C-5
			TP55	C-5
			TP56	C-5
			TP57	C-5
			TP58	C-5
			TP64	A-5

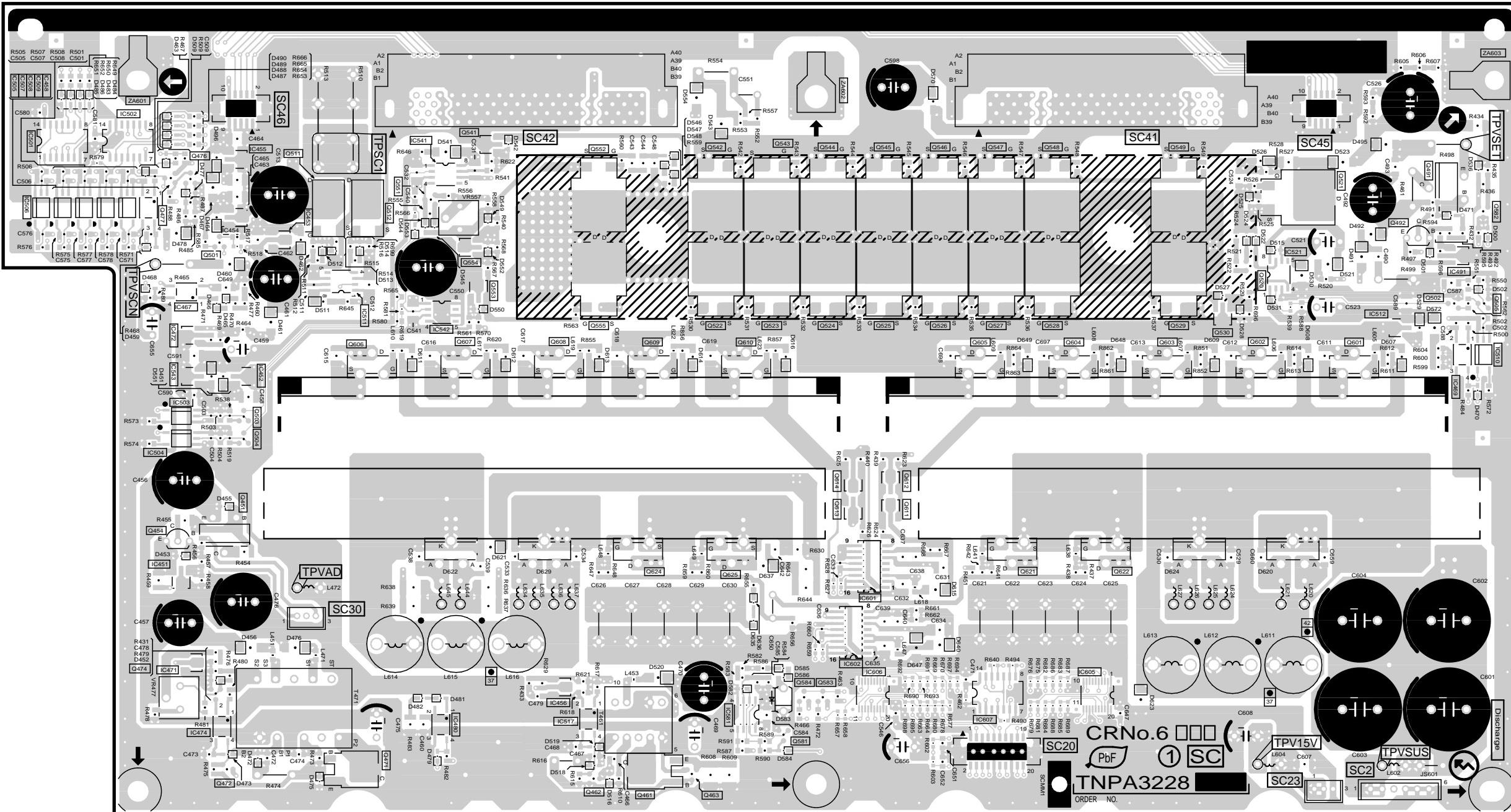
Parts Location

SC-BOARD (COMPONENT SIDE)				
IC	TRANSISTOR	Q6548	F-5	
IC6451	B-3	Q6451	B-3	
IC6452	B-4	Q6454	B-3	
IC6453	B-4	Q6461	D-1	
IC6454	B-4	Q6462	D-1	
IC6455	B-5	Q6463	E-1	
IC6456	D-2	Q6471	C-2	
IC6458	A-5	Q6472	B-1	
IC6467	B-4	Q6474	B-2	
IC6469	I-4	Q6476	B-5	
IC6471	B-2	Q6477	B-5	
IC6472	B-4	Q6491	H-5	
IC6474	B-2	Q6492	H-4	
IC6480	C-2	Q6501	B-4	
IC6491	I-4	Q6502	H-4	
IC6501	A-5	Q6503	B-3	
IC6502	A-5	Q6504	B-3	
IC6503	B-3	Q6505	I-4	
IC6504	B-3	Q6511	B-5	
IC6505	A-5	Q6512	C-5	
IC6506	A-5	Q6520	H-4	
IC6507	A-5	Q6521	H-5	
IC6508	A-5	Q6522	E-4	
IC6509	A-5	Q6523	E-4	
IC6510	I-4	Q6524	E-4	
IC6511	C-4	Q6525	F-4	
IC6512	H-4	Q6526	F-4	
IC6517	D-2	Q6527	F-4	
IC6521	H-4	Q6528	F-4	
IC6541	C-5	Q6529	G-4	
IC6542	C-4	Q6530	G-4	
IC6543	B-4	Q6541	C-5	
IC6581	E-2	Q6542	E-5	
IC6601	E-2	Q6543	E-5	
IC6602	E-2	Q6544	E-5	
IC6602	E-2	Q6545	F-5	
IC6605	G-2	Q6546	F-5	
IC6607	F-2	Q6547	F-5	
TP				
		TPV15V	H-2	
		TPVAD	B-3	
		TPVSET	I-5	
		TPVSUS	H-2	

TH-37PW7BX/EX
TH-37PWD7BK/EK/UY
TH-42PW7BX/EX
TH-42PWD7BK/BS/EK/ES/UY
SC-BOARD PARTS LOCATION

TH-37PW7BX/EX
TH-37PWD7BK/EK/UY
TH-42PW7BX/EX
TH-42PWD7BK/BS/EK/ES/UY
SC-BOARD PARTS LOCATION

SC-BOARD(COMPONENT SIDE)
TXNSC10VBS (FOR 37 INCH MODELS)
TXNSC10VAS (FOR 42 INCH MODELS)



TH-37PW7BX/EX
 TH-37PWD7BK/EK/UY
 SC-BOARD TXNSC10VBS

TH-42PW7BX/EX
 TH-42PWD7BK/BS/EK/ES/UY
 SC-BOARD TXNSC10VAS

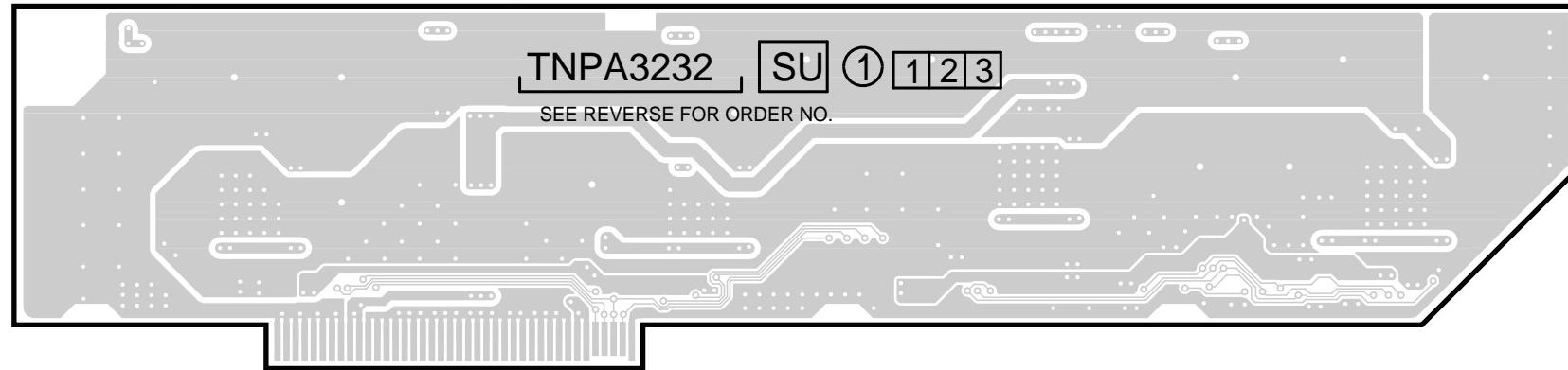
TH-37PW7BX/EX
 TH-37PWD7BK/EK/UY
 SC-BOARD TXNSC10VBS

TH-42PW7BX/EX
 TH-42PWD7BK/BS/EK/ES/UY
 SC-BOARD TXNSC10VAS

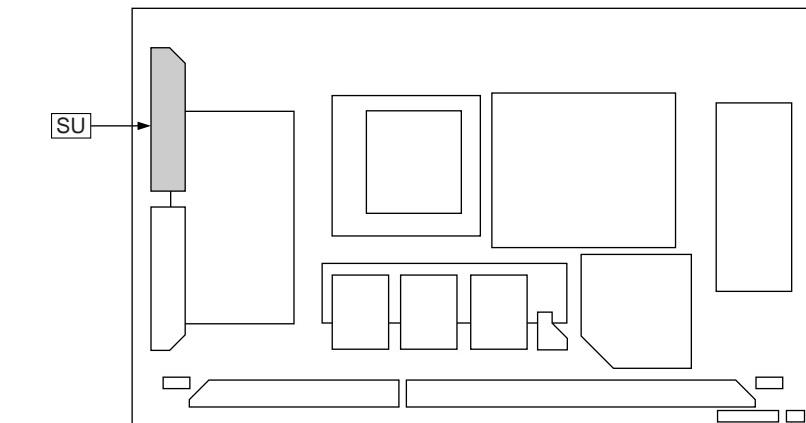
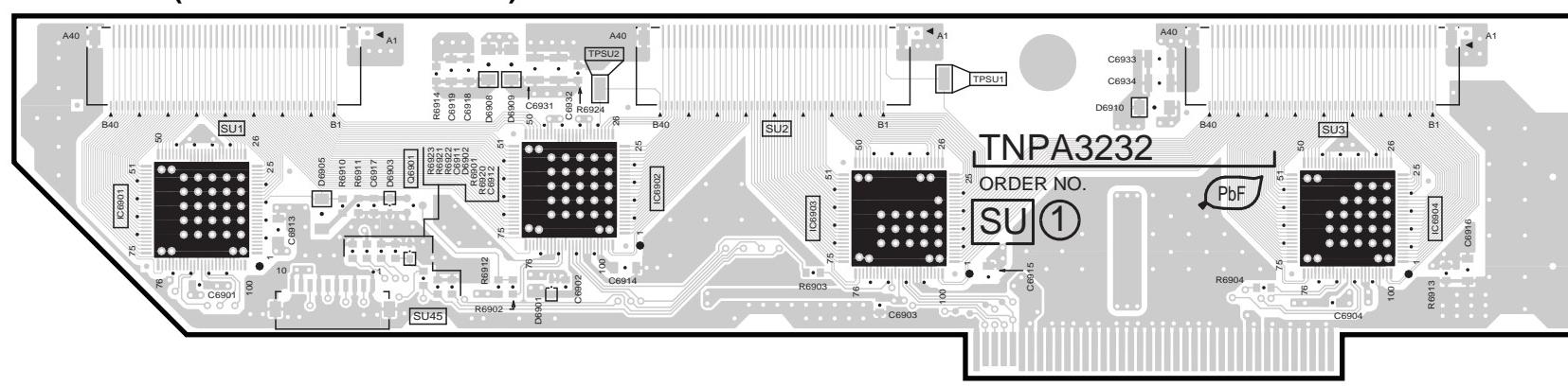
A B C D E F G H I

14.16. SU-Board (37 inch)

**SU-BOARD(FOIL SIDE)
TNPA3232 (FOR 37 INCH MODELS)**



SU-BOARD(COMPONENT SIDE) TNPA3232 (FOR 37 INCH MODELS)



Parts Location

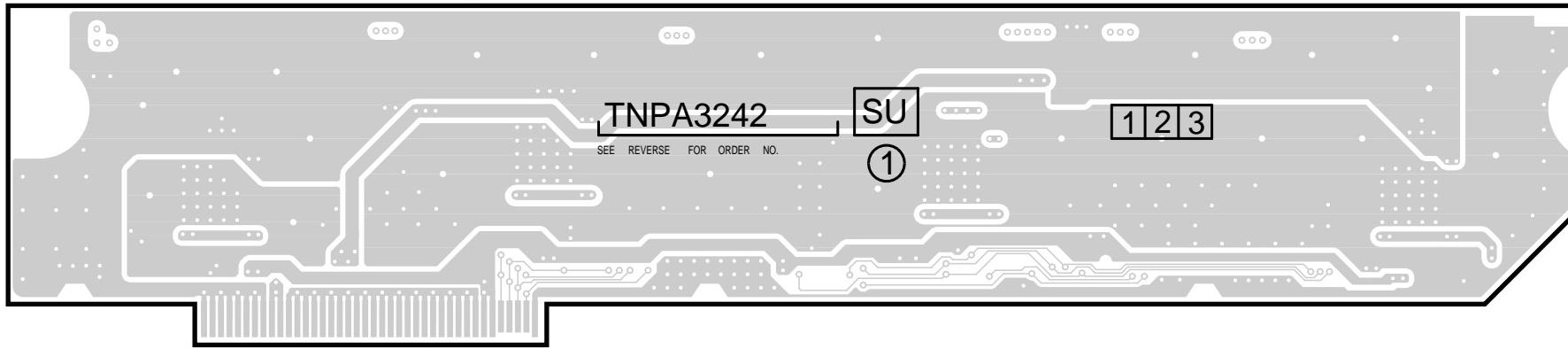
SU-BOARD			
IC		TP	
IC6901	A-2	TPSU1	D-2
IC6902	C-2	TPSU2	C-2
IC6903	D-2		
IC6904	F-2		
TRANSISTOR			
Q6901	B-2		

TH-37PW7BX/EX
TH-37PWD7BK/EK/UY
SU-BOARD TNPA3232

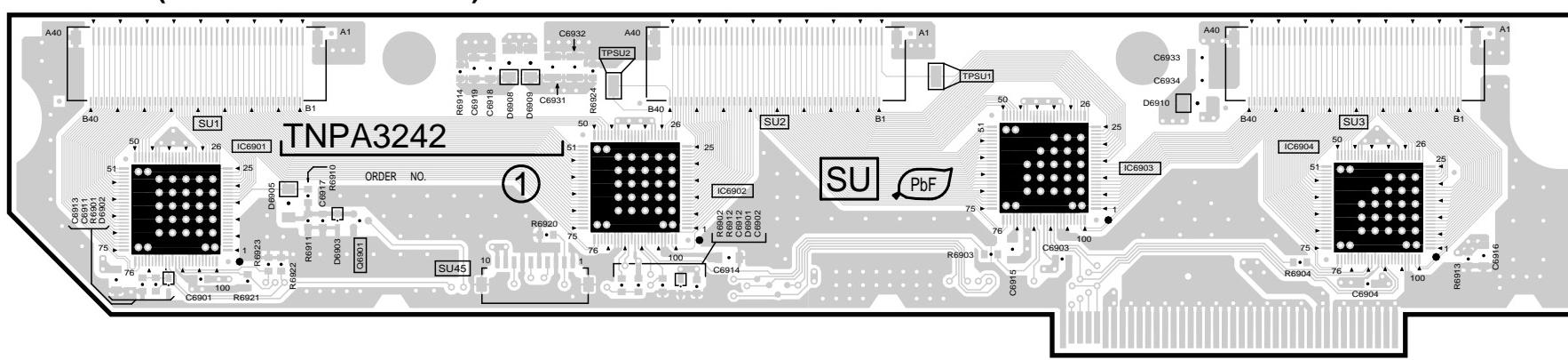
TH-37PW7BX/EX
TH-37PWD7BK/EK/UY
SU-BOARD TNPA3232

14.17. SU-Board (42 inch)

**SU-BOARD(FOIL SIDE)
TNPA3242 (FOR 42 INCH MODELS)**

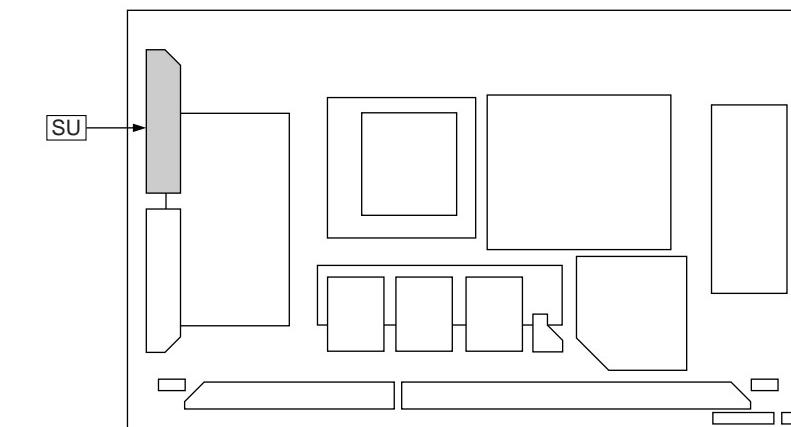


**SU-BOARD(COMPONENT SIDE)
TNPA3242 (FOR 42 INCH MODELS)**



TH-42PW7BX/EX
TH-42PWD7BK/BS/EK/ES/UY
SU-BOARD TNPA3242

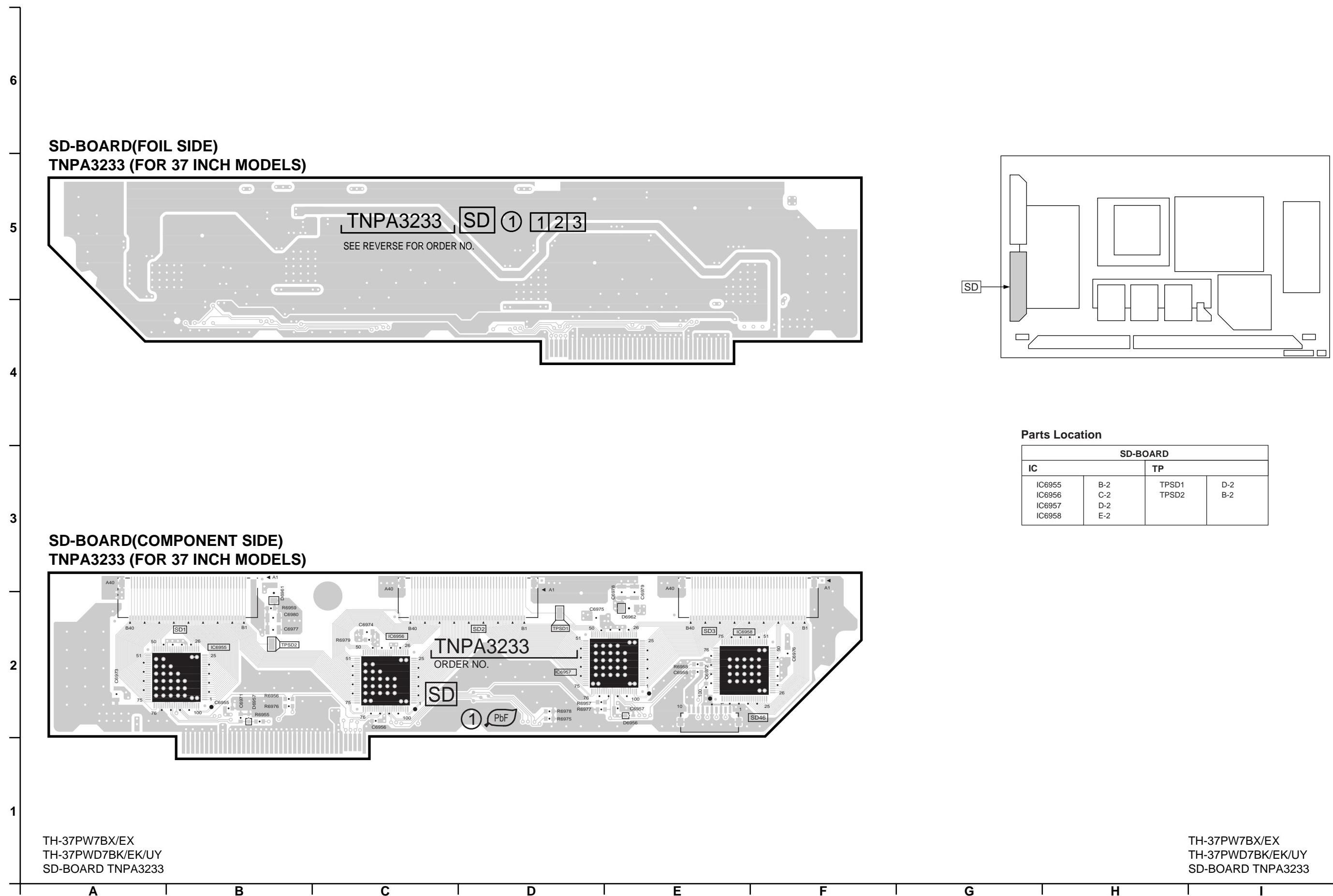
TH-42PW7BX/EX
TH-42PWD7BK/BS/EK/ES/UY
SU-BOARD TNPA3242



Parts Location

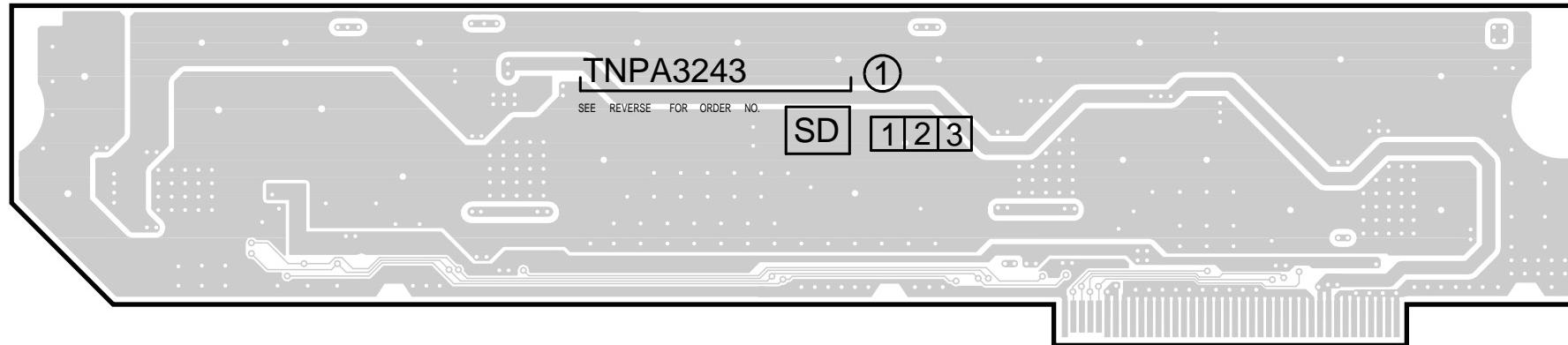
SU-BOARD	
IC	TP
IC6901	B-2
IC6902	C-2
IC6903	E-2
IC6904	F-2
TRANSISTOR	
Q6901	B-2

14.18. SD-Board (37 inch)

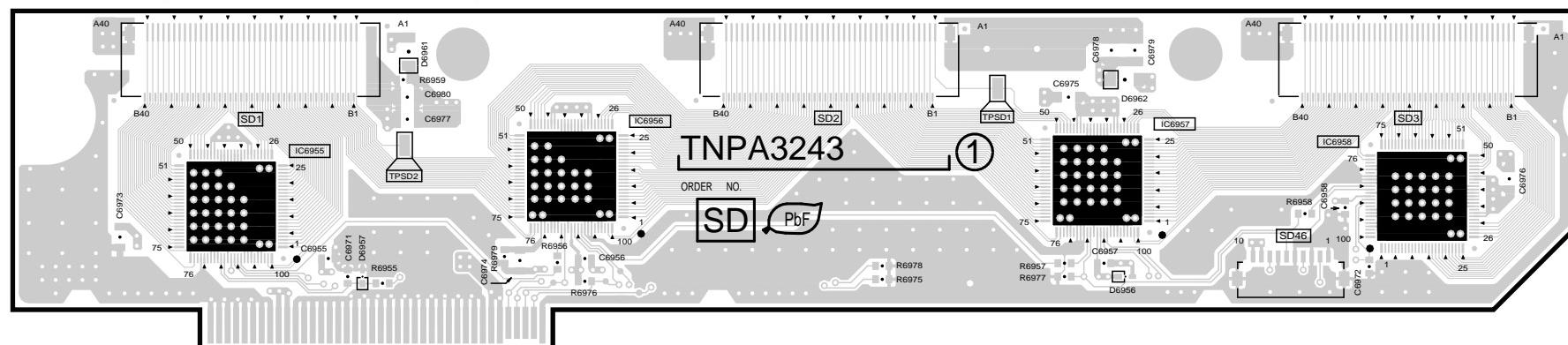


14.19. SD-Board (42 inch)

**SD-BOARD(FOIL SIDE)
TNPA3243 (FOR 42 INCH MODELS)**

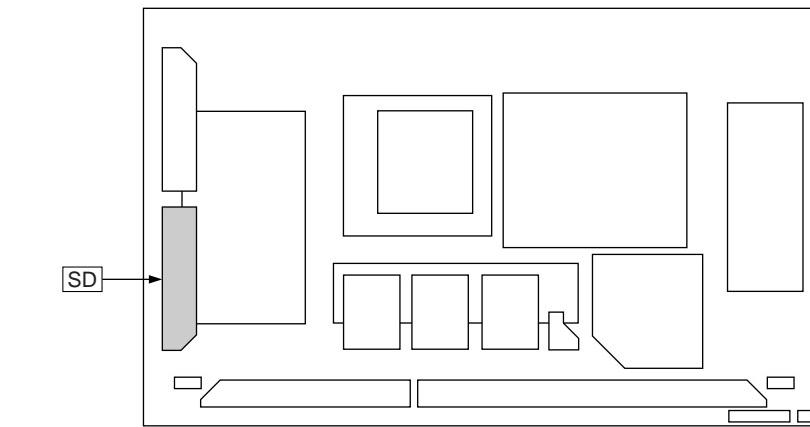


**SD-BOARD(COMPONENT SIDE)
TNPA3243 (FOR 42 INCH MODELS)**



TH-42PW7BX/EX
TH-42PWD7BK/BS/EK/ES/UY
SD-BOARD TNPA3243

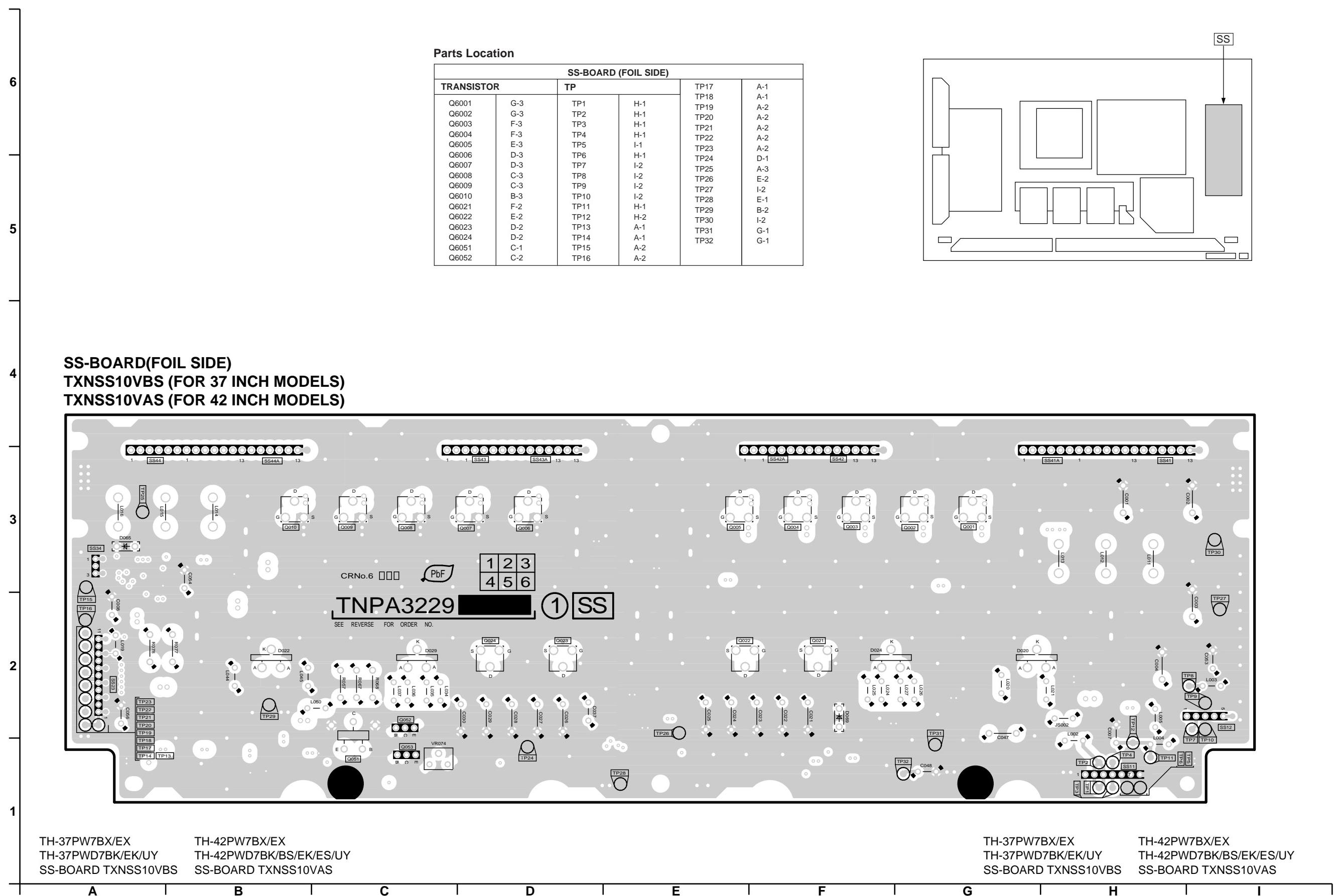
TH-42PW7BX/EX
TH-42PWD7BK/BS/EK/ES/UY
SD-BOARD TNPA3243



Parts Location

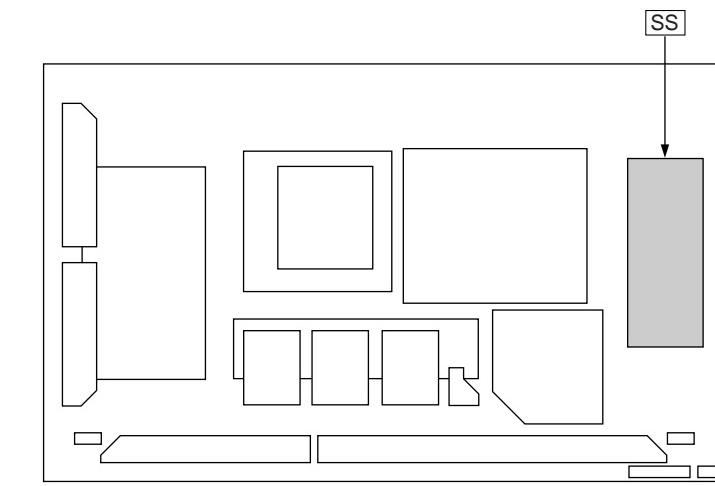
SD-BOARD			
IC	B-2	TP	D-2
IC6955		TPSD1	
IC6956	C-2	TPSD2	
IC6957	E-2		
IC6958	F-2		B-2

14.20. SS-Board

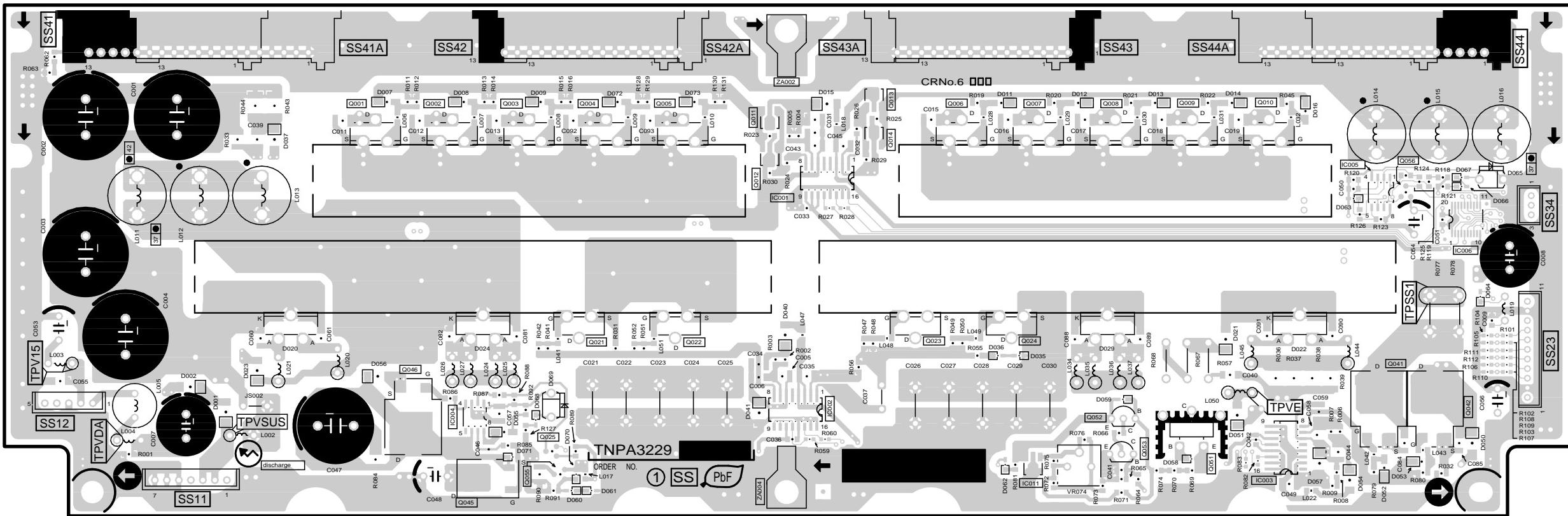


Parts Location

SS-BOARD (COMPONENT SIDE)			
IC	TRANSISTOR		
IC6001	E-3	Q6001	C-3
IC6002	E-2	Q6002	C-3
IC6003	G-1	Q6003	C-3
IC6004	C-2	Q6004	D-3
IC6005	H-3	Q6005	D-3
IC6006	H-2	Q6006	F-3
IC6011	F-1	Q6007	F-3
		Q6008	G-3
		Q6009	G-3
		Q6010	G-3
		Q6011	E-3
		Q6012	E-3
		Q6013	E-3
		Q6014	E-3
		Q6021	D-2
		Q6022	D-2
		Q6023	F-2
			TP
		TPSS1	H-2
		TPV15	A-2
		TPVDA	A-1
		TPVE	G-2
		TPVSUS	B-2



SS-BOARD(COMPONENT SIDE)
TXNSS10VBS (FOR 37 INCH MODELS)
TXNSS10VAS (FOR 42 INCH MODELS)



TH-37PW7BX/EX
 TH-37PWD7BK/EK/UY
 SS-BOARD TXNSS10VBS

TH-42PW7BX/EX
 TH-42PWD7BK/BS/EK/ES/UY
 SS-BOARD TXNSS10VAS

TH-37PW7BX/EX
 TH-37PWD7BK/EK/UY
 SS-BOARD TXNSS10VBS

TH-42PW7BX/EX
 TH-42PWD7BK/BS/EK/ES/UY
 SS-BOARD TXNSS10VAS

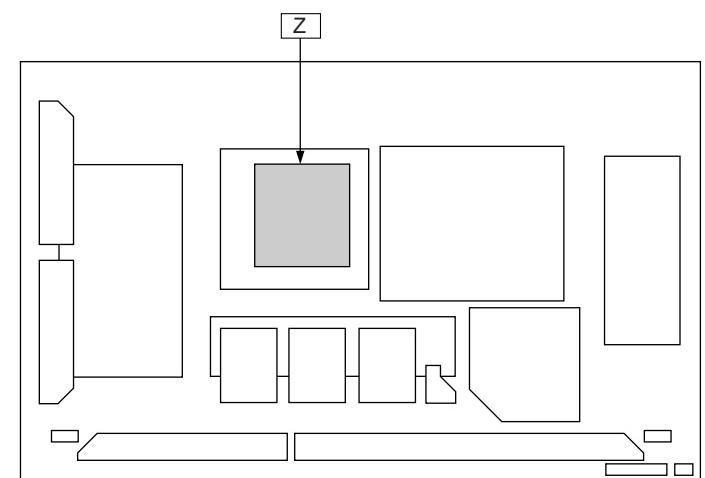
14.21. Z-Board

Parts Location

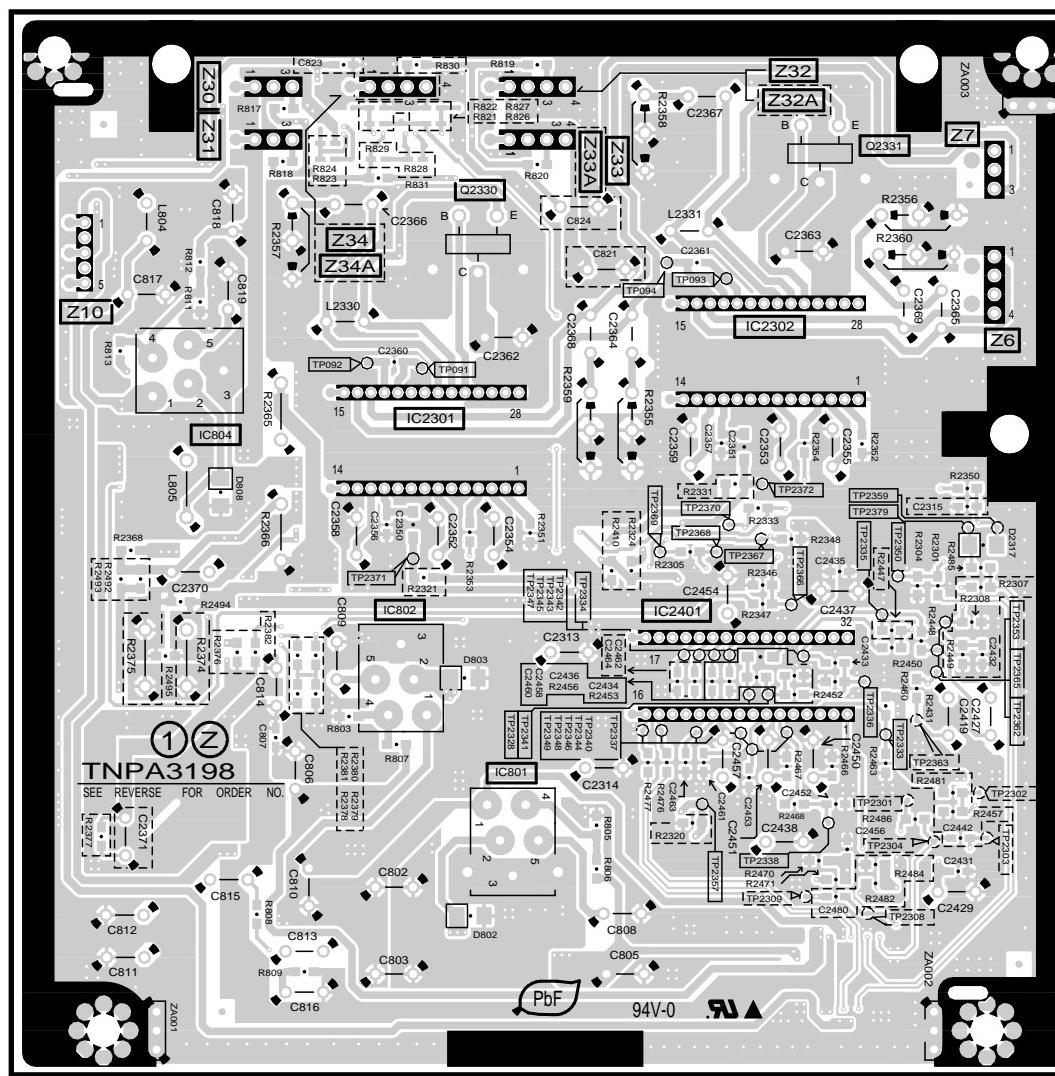
Z-BOARD (FOIL SIDE)			
IC	TP	TP2346	C-2
IC802	B-3	TP2303	D-2
IC804	A-3	TP2304	D-2
IC2301	B-3	TP2308	D-2
IC2302	C-4	TP2309	C-2
IC2401	C-3	TP2328	B-2
		TP2333	D-2
		TP2334	C-3
		TP2335	D-3
		TP2336	D-2
		TP2337	C-2
		TP2338	C-2
		TP2340	C-2
		TP2341	C-2
		TP2342	C-3
		TP2343	C-3
		TP2344	C-2
		TP2345	C-3
		TP2346	D-3
		TP2347	C-3
		TP2348	C-2
		TP2349	C-2
		TP2350	D-3
		TP2353	D-3
		TP2357	C-2
		TP2359	D-3
		TP2366	C-3
		TP2367	C-3
		TP2368	C-3
		TP2369	C-3
		TP2370	C-3
		TP2371	B-3
		TP2372	C-3
		TP2379	D-3

Parts Location

Z-BOARD (COMPONENT SIDE)		Q2303	F-3	TRANSISTOR	
IC	TP	Q2304	E-3	TP2331	F-2
IC801	G-2	Q2305	F-3	TP2332	F-2
IC802	G-2	Q2306	G-3	TP2339	F-3
IC803	H-1	Q2330	G-3	TP2351	F-2
IC804	H-3	Q2331	F-4	TP2354	F-2
IC2301	G-3	Q2333	G-3	TP2355	F-3
IC2302	F-4	Q2334	H-3	TP2364	E-3
IC2304	G-2	Q2335	H-3		
IC2401	G-2	Q2336	H-3		
		Q2370	H-3		
		Q2371	H-2		
		Q2406	F-2		
		Q2408	E-2		
		Q2410	F-2		
		Q2301	F-2		
		Q2302	F-3		

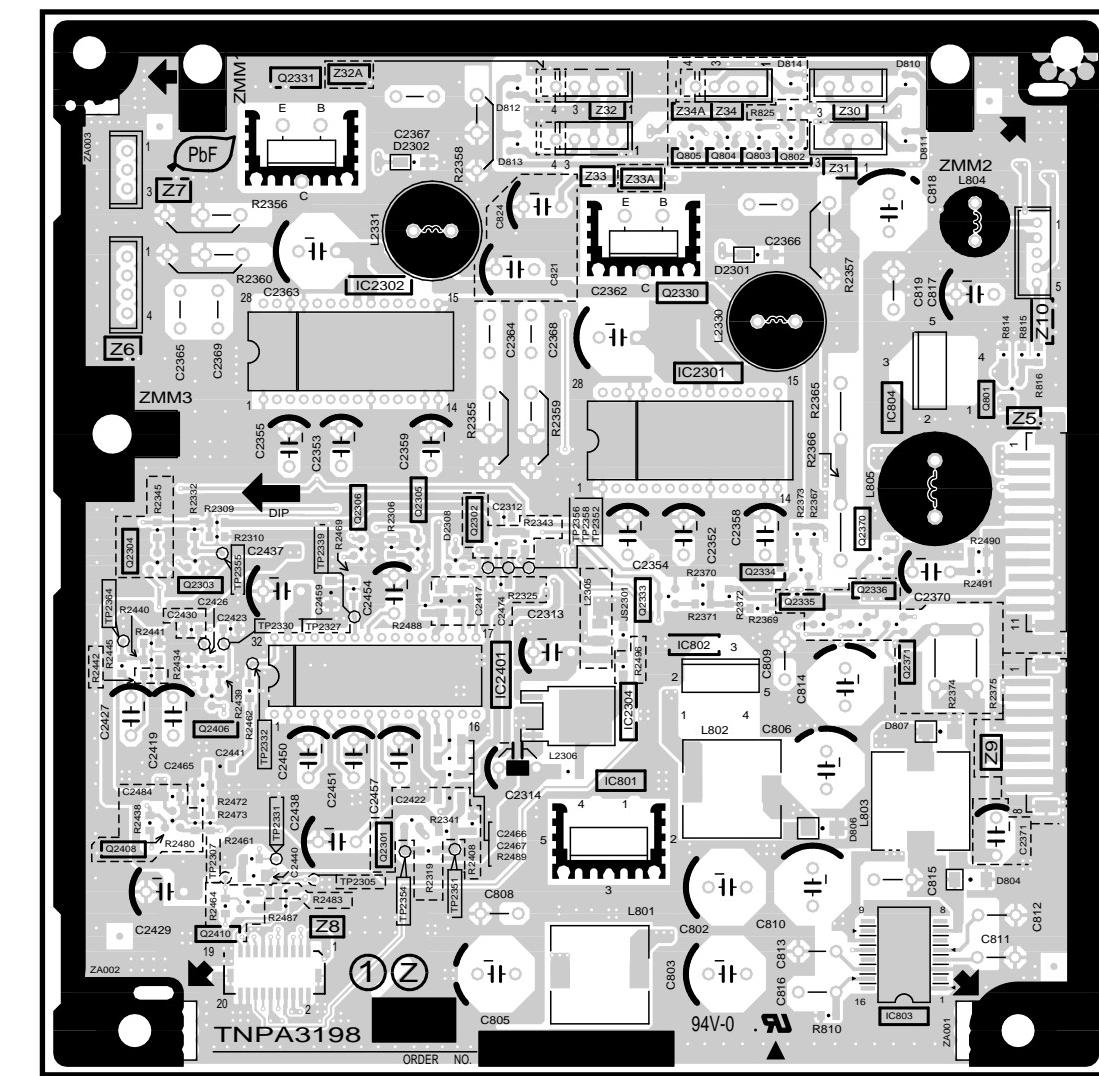


**Z-BOARD(FOIL SIDE)
TNPA3198AB**



TH-37PW7BX/EX
TH-37PWD7BK/EK/UY
TH-42PWD7BX/EX
TH-42PWD7BK/ES/EK/ES/UY
Z-BOARD TNPA3198AB

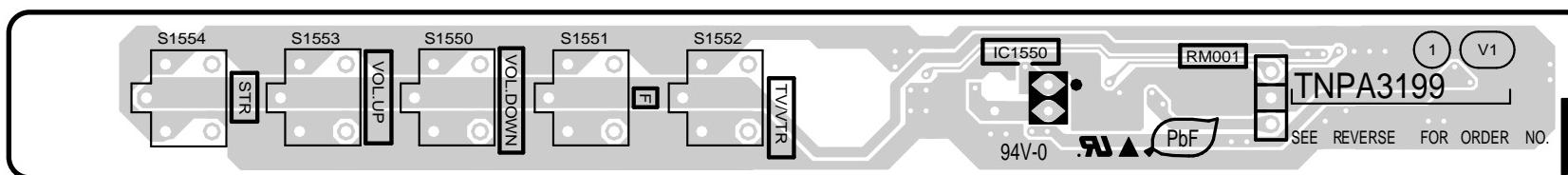
**Z-BOARD(COMPONENT SIDE)
TNPA3198AB**



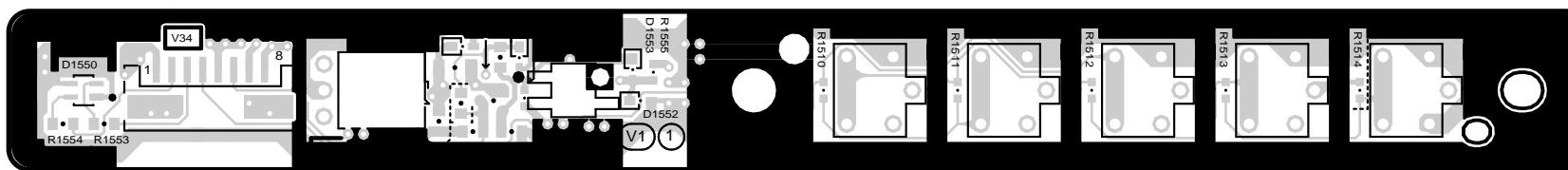
TH-37PW7BX/EX
TH-37PWD7BK/EK/UY
TH-42PWD7BX/EX
TH-42PWD7BK/ES/EK/ES/UY
Z-BOARD TNPA3198AB

14.22. H3, S1 and V1-Board

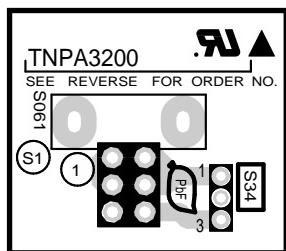
V1-BOARD(FOIL SIDE)
TXNV110VAS



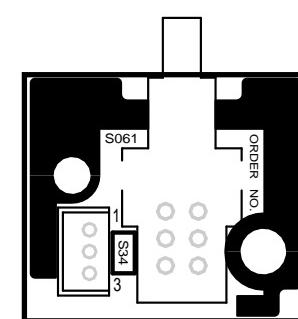
V1-BOARD(COMPONENT SIDE)
TXNV110VAS



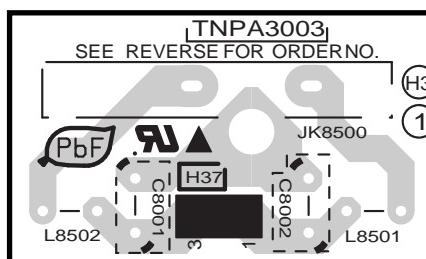
S1-BOARD(FOIL SIDE)
TNPA3200



S1-BOARD(COMPONENT SIDE)
TNPA3200

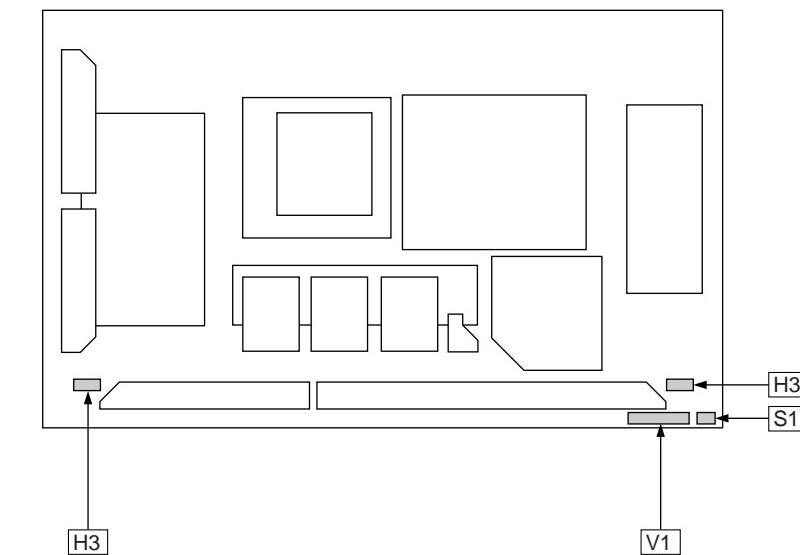


H3-BOARD
TNPA3003



TH-37PW7BX/EX
TH-37PW7BK/EK/UY
TH-42PW7BX/EX
TH-42PWD7BK/BS/EK/ES/UY
V1-BOARD TXNV110VAS S1-BOARD TNPA3200
H3-BOARD TNPA3003

TH-37PW7BX/EX
TH-37PW7BK/EK/UY
TH-42PW7BX/EX
TH-42PWD7BK/BS/EK/ES/UY
V1-BOARD TXNV110VAS S1-BOARD TNPA3200
H3-BOARD TNPA3003



15 Schematic Diagrams

15.1. Schematic Diagram Notes

Important Safety Notice

Components identified by Δ mark have special characteristics important for safety.
When replacing any of these components, use only manufacturer's specified parts.

Notes:

1. Resistor

All resistors are carbon 1/4W resistor, unless marked as follows:

Unit of resistance is OHM [Ω] ($K=1,000$, $M=1,000,000$).

\bigcirc	: Nonflammable	\boxtimes	: Metal Oxide
\triangle	: Solid	\odot	: Metal Film
\blacksquare	: Wire Wound	\otimes	: Fuse:

2. Capacitor

All capacitors are ceramic 50V capacitor, unless marked as follows:

Unit of capacitance is μF , unless otherwise noted.

\otimes	: Temperature Compensation	$\begin{array}{c} + \\ \parallel \\ - \end{array}$: Electrolytic
\textcircled{M}	: Polyester	$\begin{array}{c} \text{NP} \\ \parallel \\ \text{P} \end{array}$: Bipolar
\textcircled{m}	: Metallized Polyester	\textcircled{T}	: Dipped Tantalum
\blacksquare	: Polypropylene	\textcircled{Z}	: Z-Type

3. Coil

Unit of inductance is μH , unless otherwise noted.

4. Test Point

\bigcirc : Test Point position

5. Earth Symbol

\textpi : Chassis Earth (Cold)

\downarrow : Line Earth (Hot)

6. Voltage Measurement

Voltage is measured by a DC voltmeter.

Conditions of the measurement are the following:

Power Source AC120-240V, 50/60Hz

Receiving Signal Colour Bar signal (RF)

All customer's controls Maximum positions

7. Number in red circle indicates waveform number.

(See waveform pattern table.)

8. When arrow mark (\nearrow) is found, connection is easily found from the direction of arrow

9. Indicates the major signal flow. \rightarrow : Video \Rightarrow Audio \Leftrightarrow

10. This schematic diagram is the latest at the time of printing and subject to change without notice.

Remarks:

- The Power Circuit contains a circuit area which uses a separate power supply to isolate the earth connection.

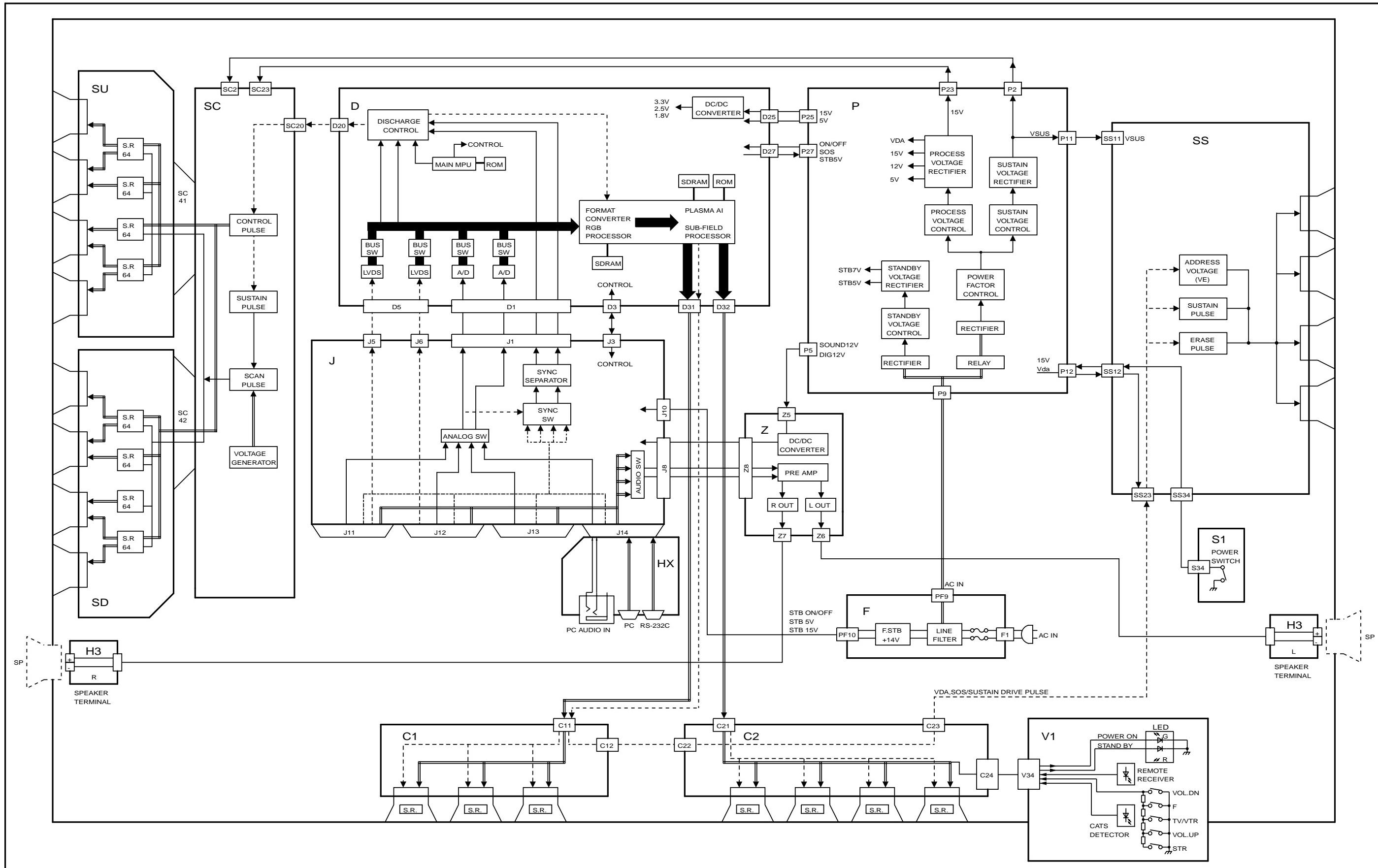
The circuit is defined by HOT and COLD indications in the schematic diagram. Take the following precautions.

All circuits, except the Power Circuit, are cold.

Precautions

- Do not touch the hot part or the hot and cold parts at the same time or you may be shocked.
 - Do not short-circuit the hot and cold circuits or a fuse may blow and parts may break.
 - Do not connect an instrument, such as an oscilloscope, to the hot and cold circuits simultaneously or a fuse may blow.
Connect the earth of instruments to the earth connection of the circuit being measured.
 - Make sure to disconnect the power plug before removing the chassis.
- Following diodes are interchangeable.
MA150- MA162 (Replacement part)

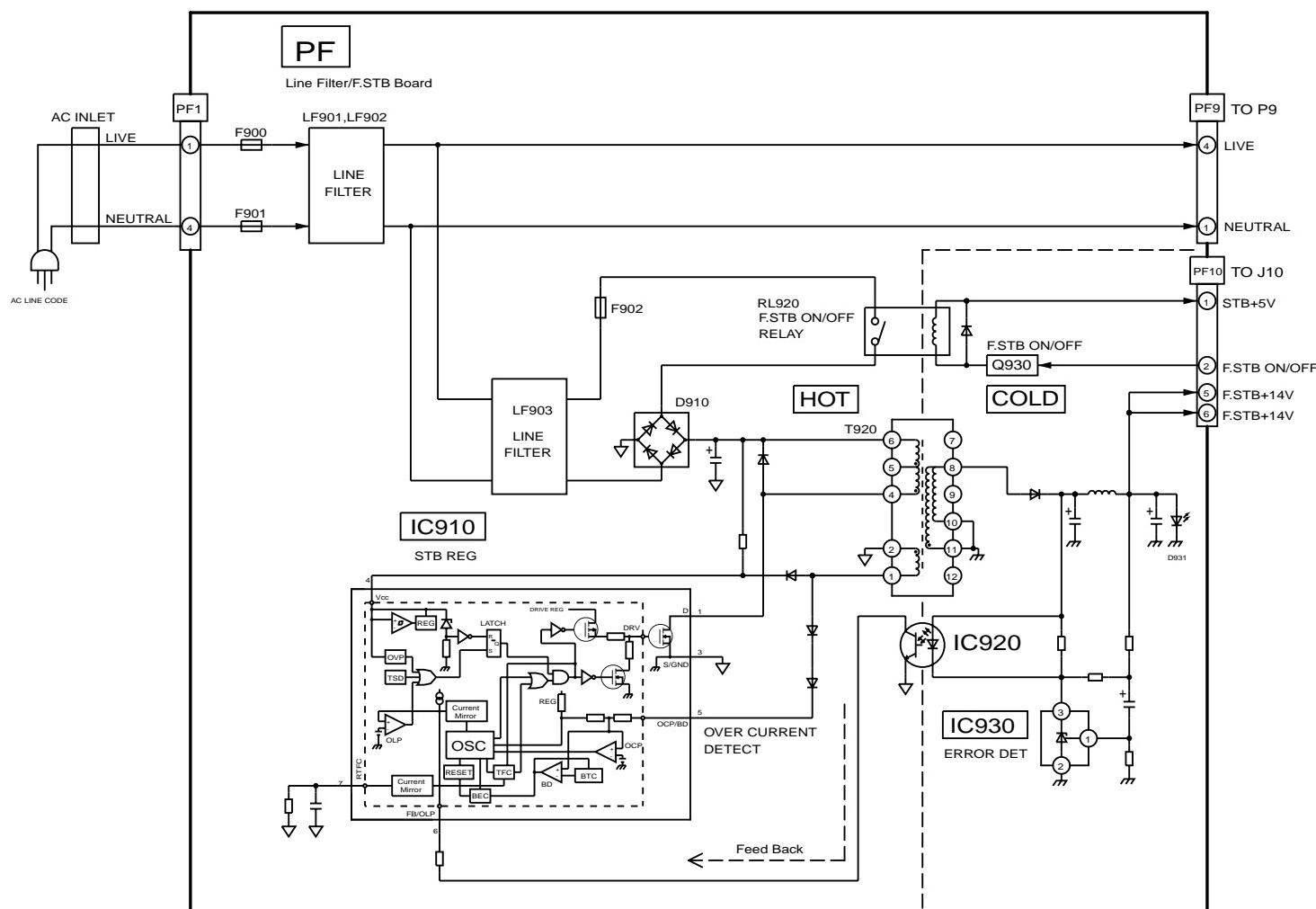
15.2. Main Block Diagram



TH-37/42PW7 series
TH-37/42PWD7 series
Main Block Diagram

TH-37/42PW7 series
TH-37/42PWD7 series
Main Block Diagram

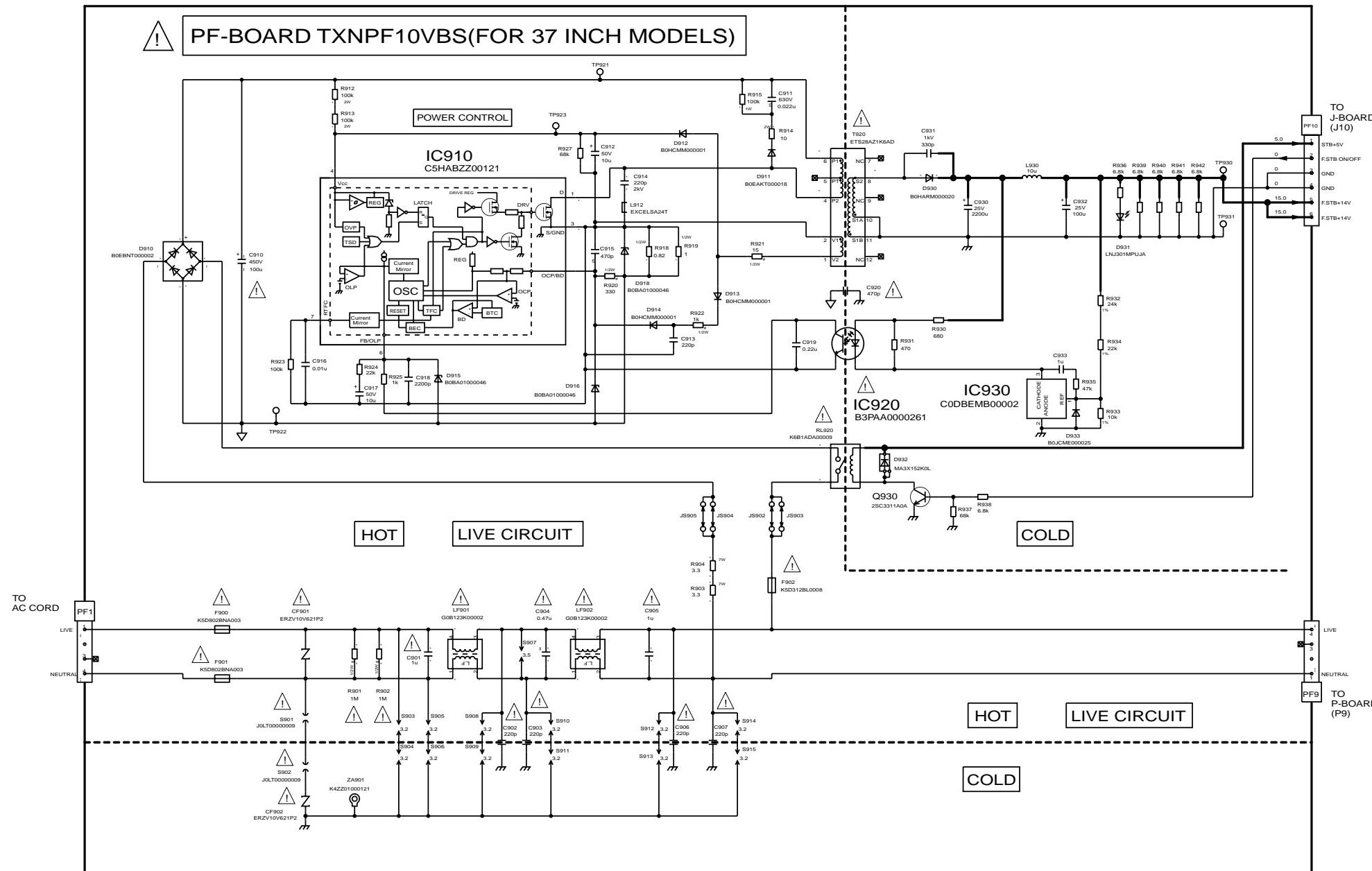
15.3. PF-Board Block Diagram



TH-37/42PW7 series
TH-37/42PWD7 series
PF-Board Block Diagram

TH-37/42PW7 series
TH-37/42PWD7 series
PF-Board Block Diagram

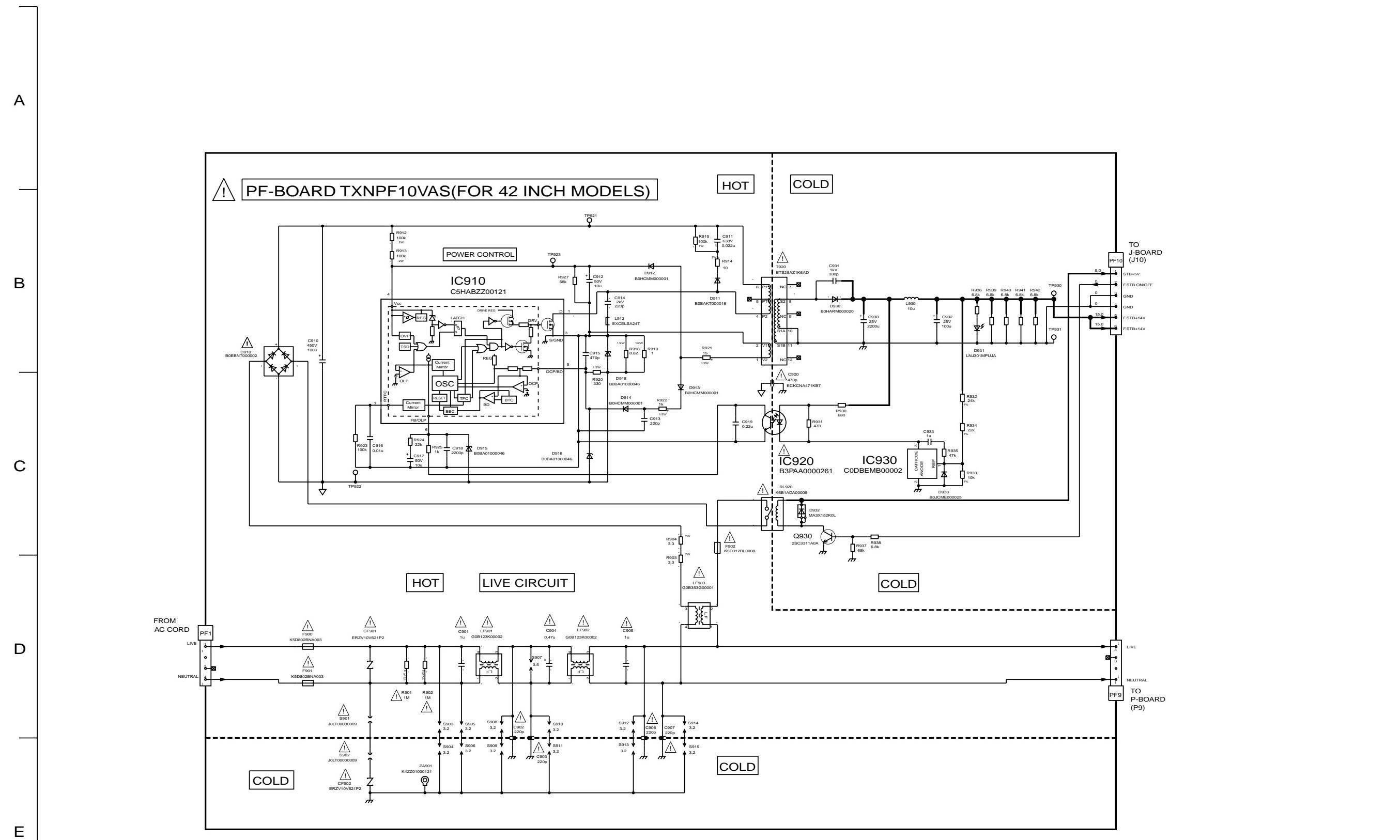
15.4. PF-Board Schematic Diagram (TH-37PW7/PWD7 series)



TH-37PW7/PWD7 series
PF-Board Schematic Diagram

TH-37PW7/PWD7 series
PF-Board Schematic Diagram

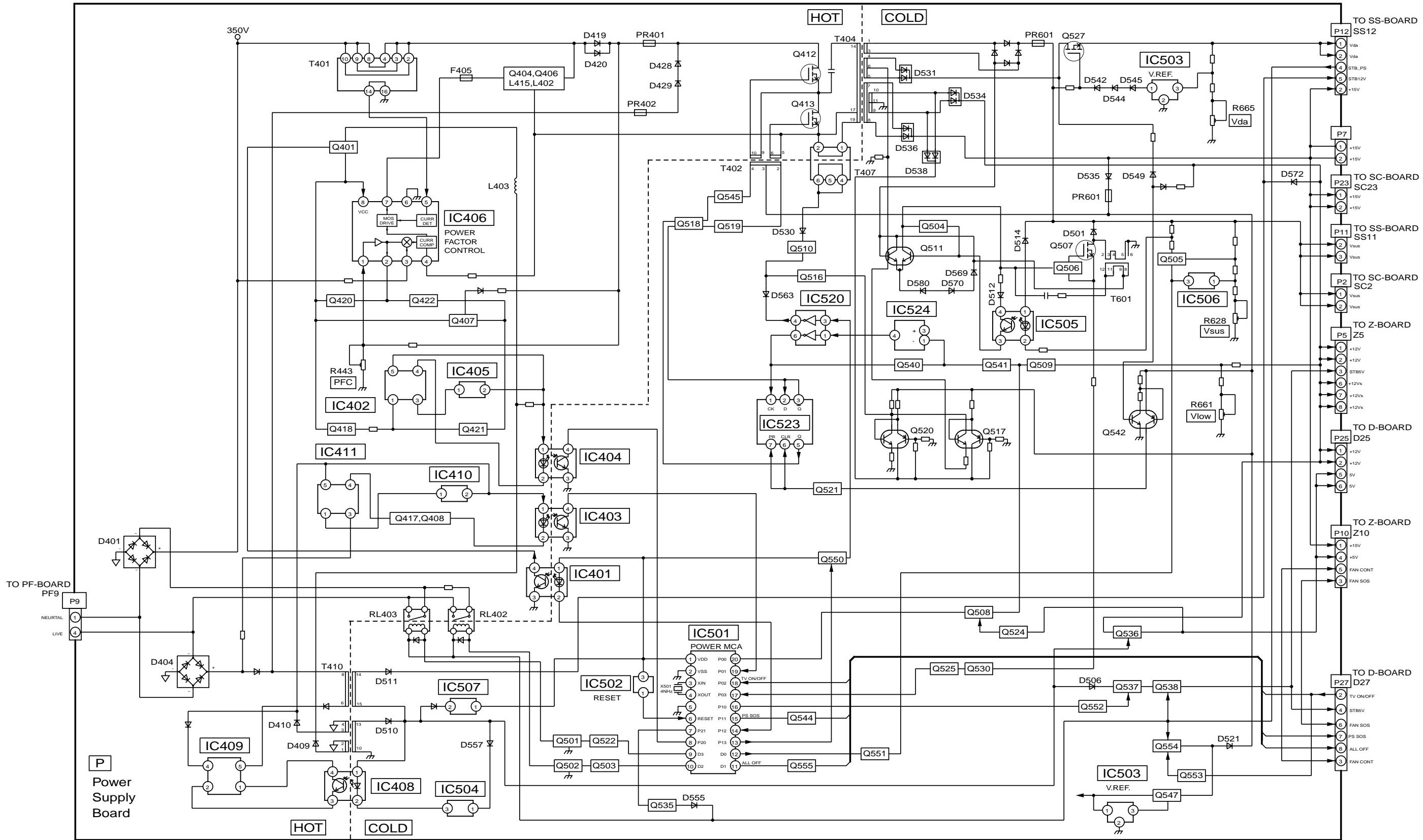
15.5. PF-Board Schematic Diagram (TH-42PW7/PWD7 series)



TH-42PW7/PWD7 series
PF-Board Schematic Diagram

TH-42PW7/PWD7 series PF-Board Schematic Diagram

15.6. P-Board Block Diagram



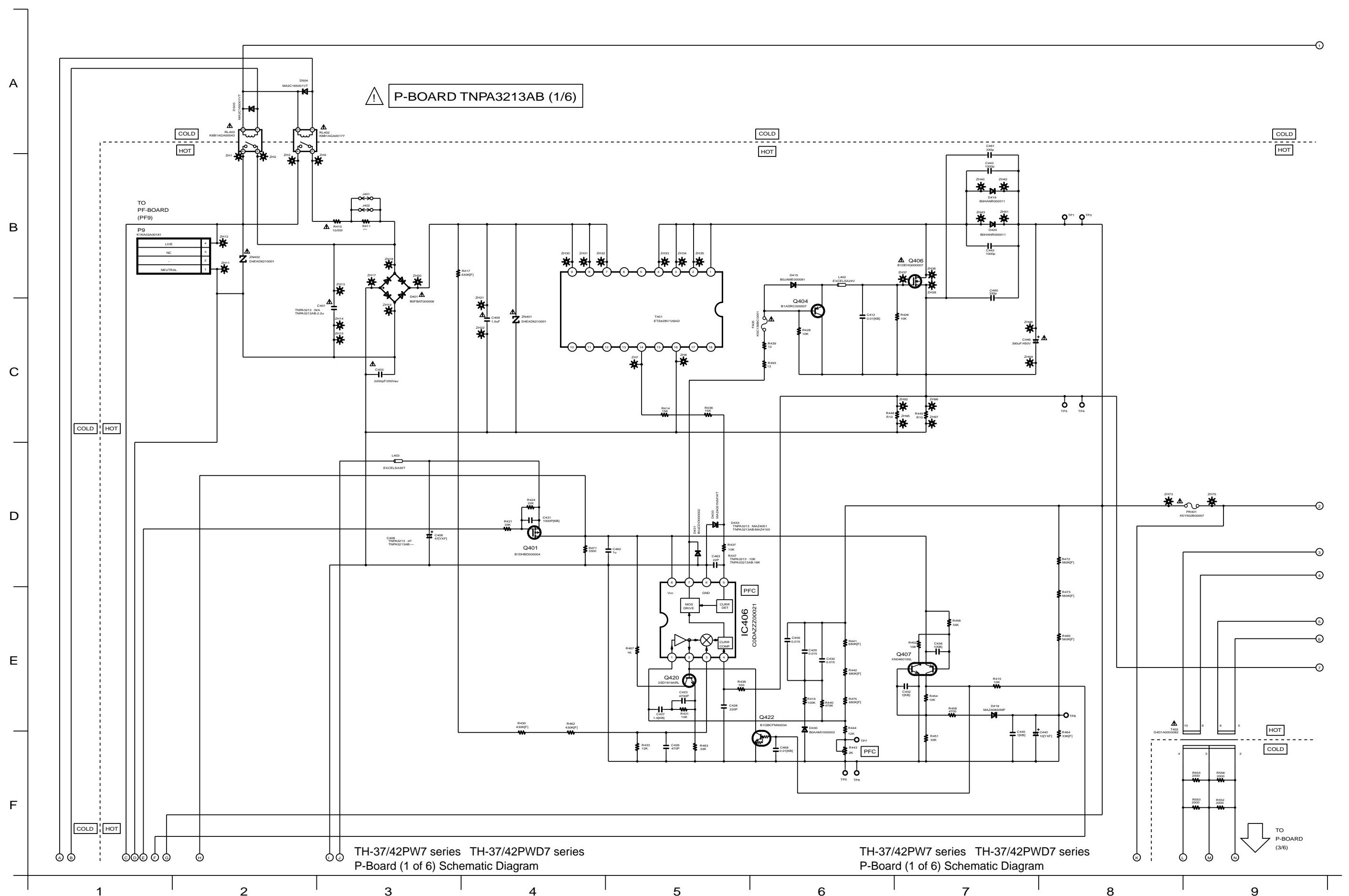
TH-37/42PW7 series

TH-37/42PWD7 series

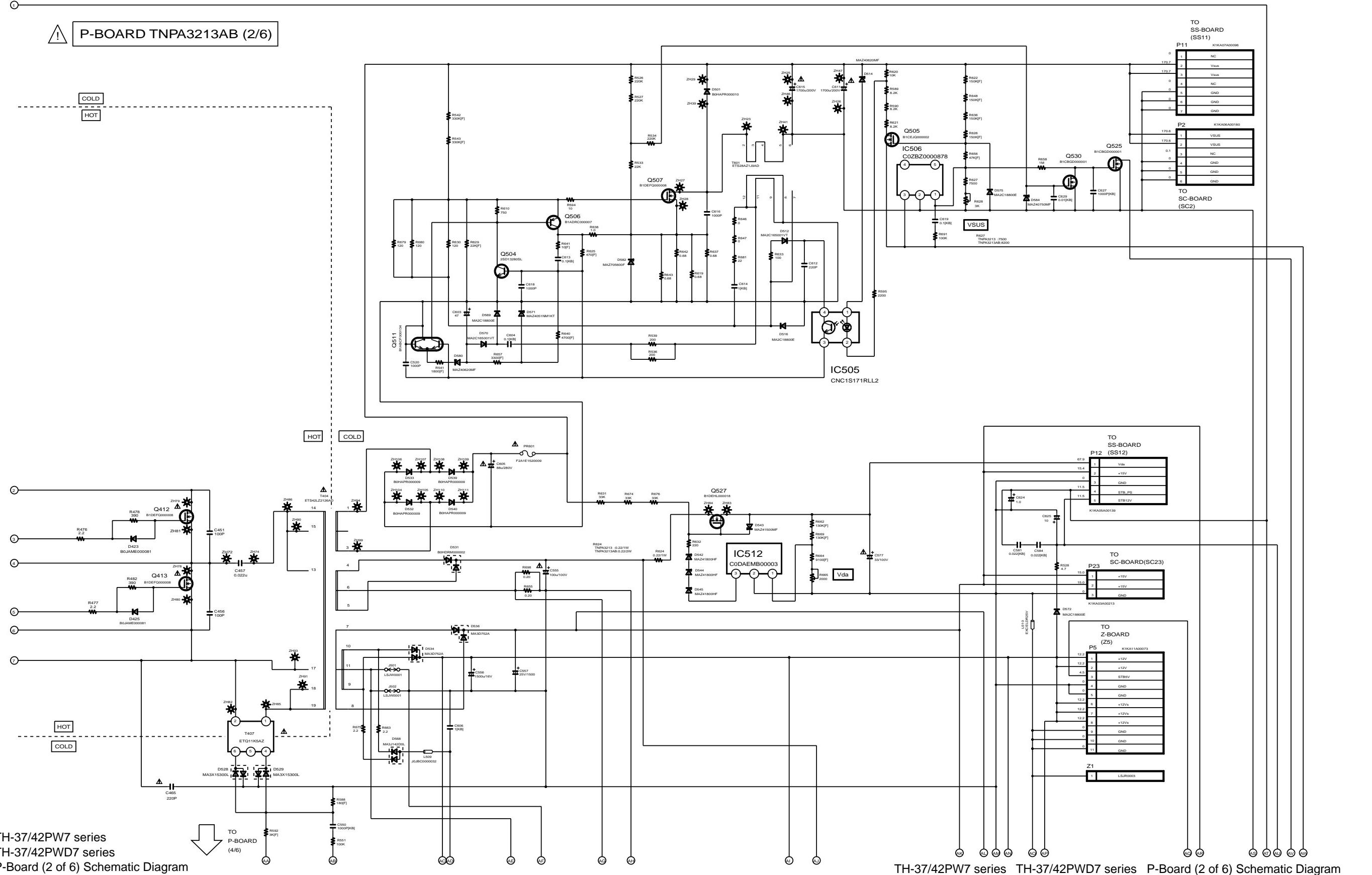
P-Board Block Diagram

TH-37/42PW7 series TH-37/42PWD7 series P-Board Block Diagram

15.7. P-Board (1 of 6) Schematic Diagram

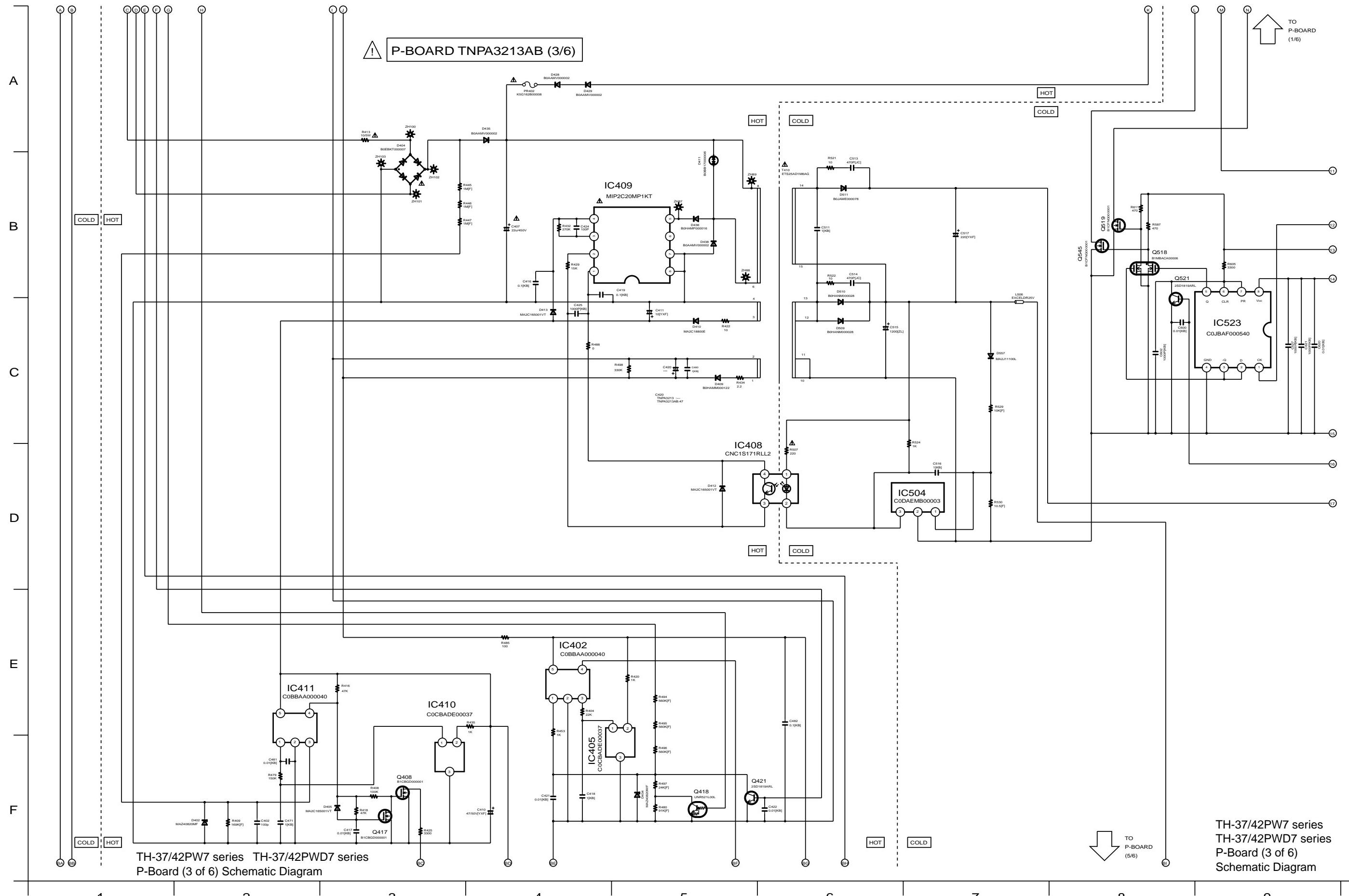


15.8. P-Board (2 of 6) Schematic Diagram

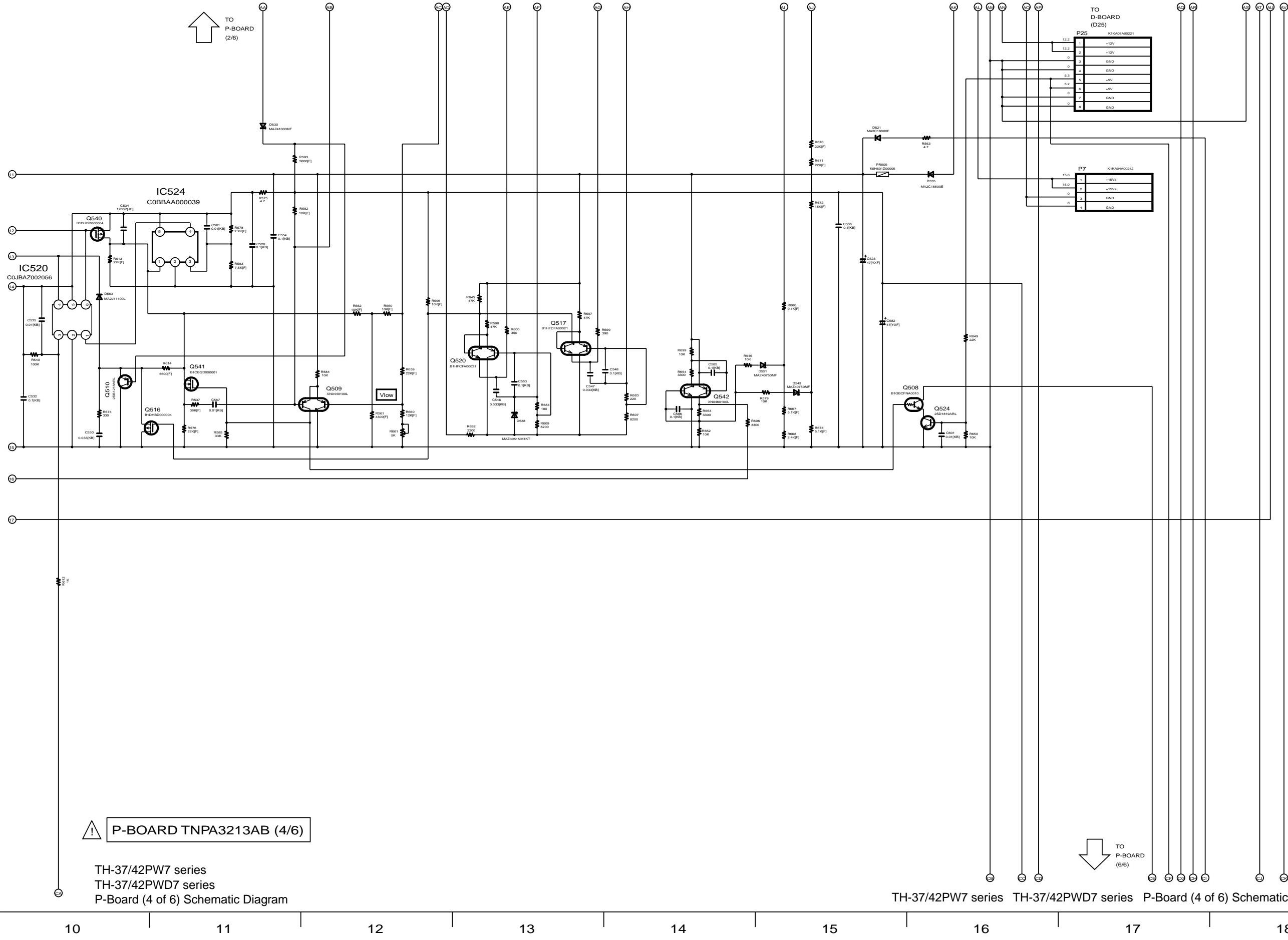


**TH-37/42PW7 series
TH-37/42PWD7 series
P-Board (2 of 6) Schematic Diagram**

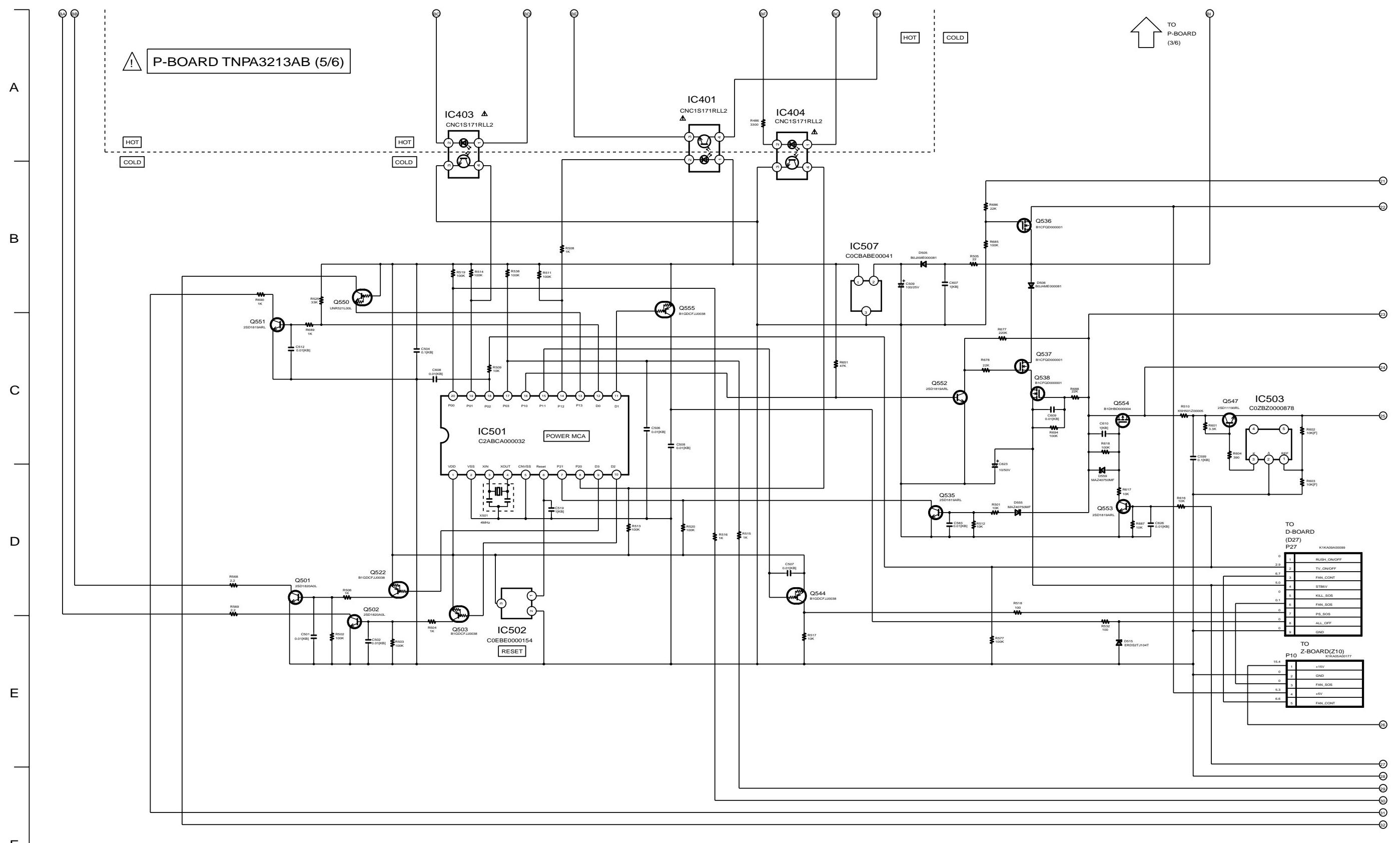
15.9. P-Board (3 of 6) Schematic Diagram



15.10. P-Board (4 of 6) Schematic Diagram



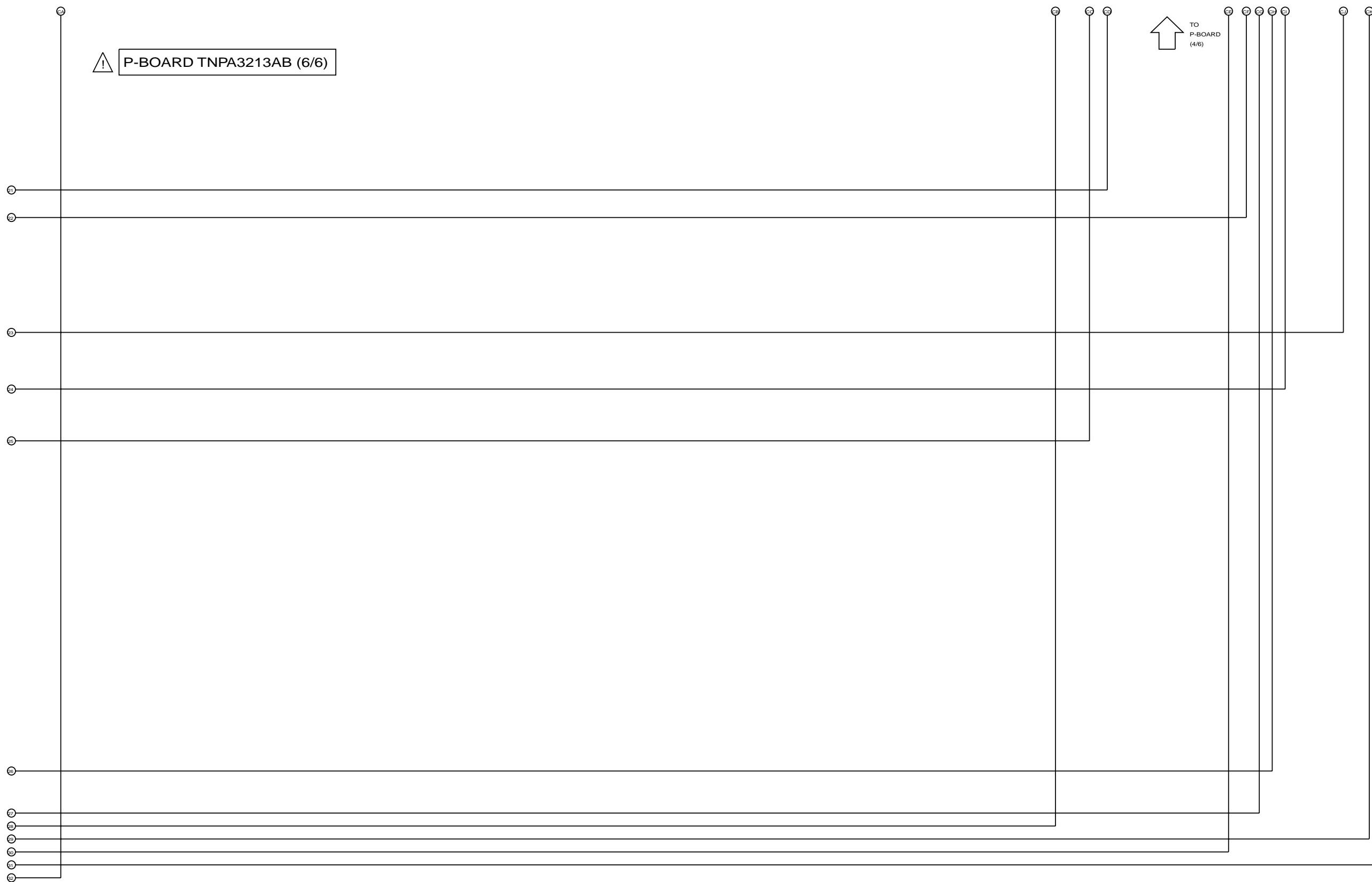
15.11. P-Board (5 of 6) Schematic Diagram



TH-37/42PW7 series
TH-37/42PWD7 series
P-Board (5 of 6) Schematic Diagram

TH-37/42PW7 series
TH-37/42PWD7 series
P-Board (5 of 6) Schematic Diagram

15.12. P-Board (6 of 6) Schematic Diagram

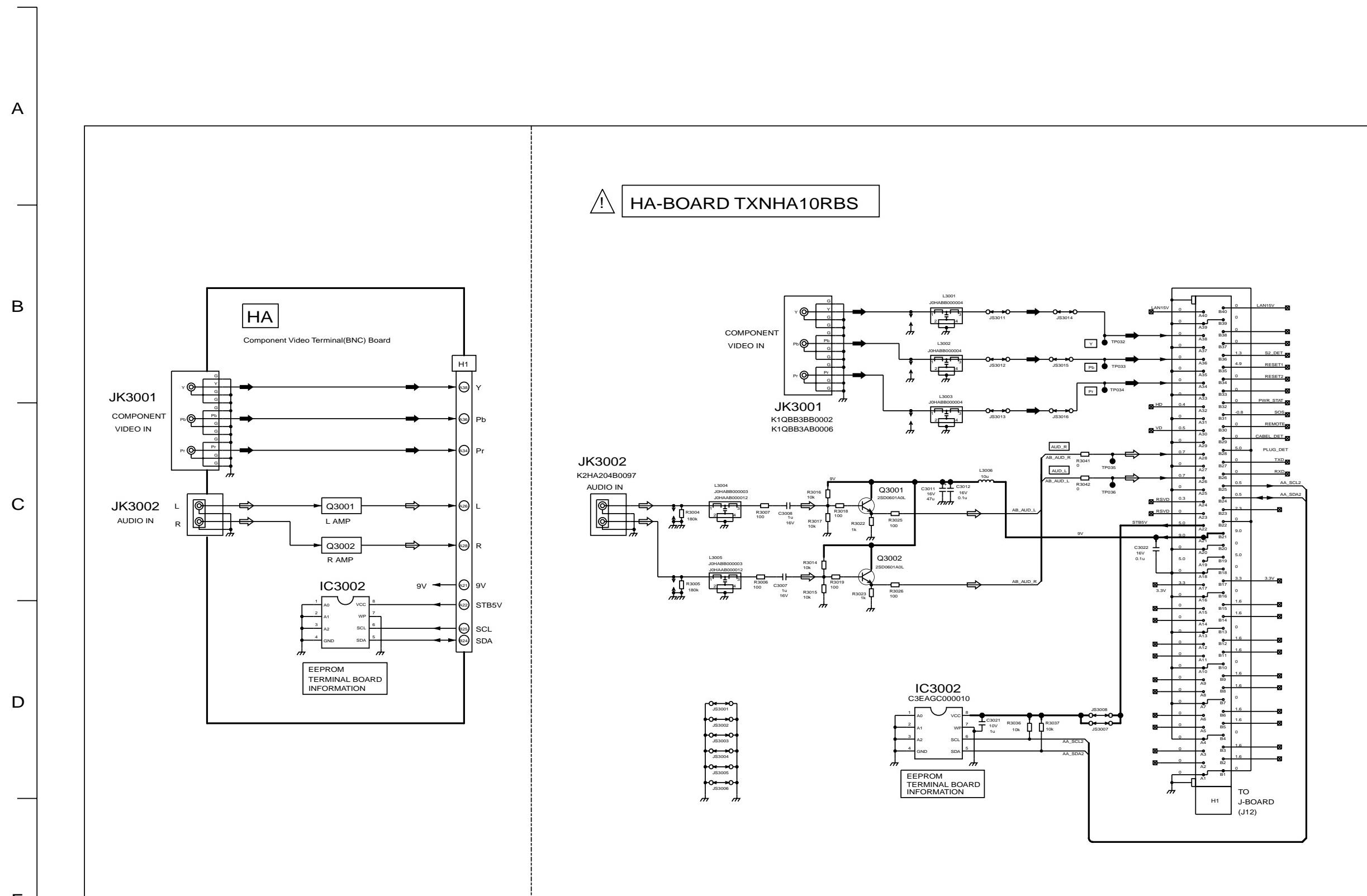


TH-37/42PW7 series
TH-37/42PWD7 series
P-Board (6 of 6) Schematic Diagram

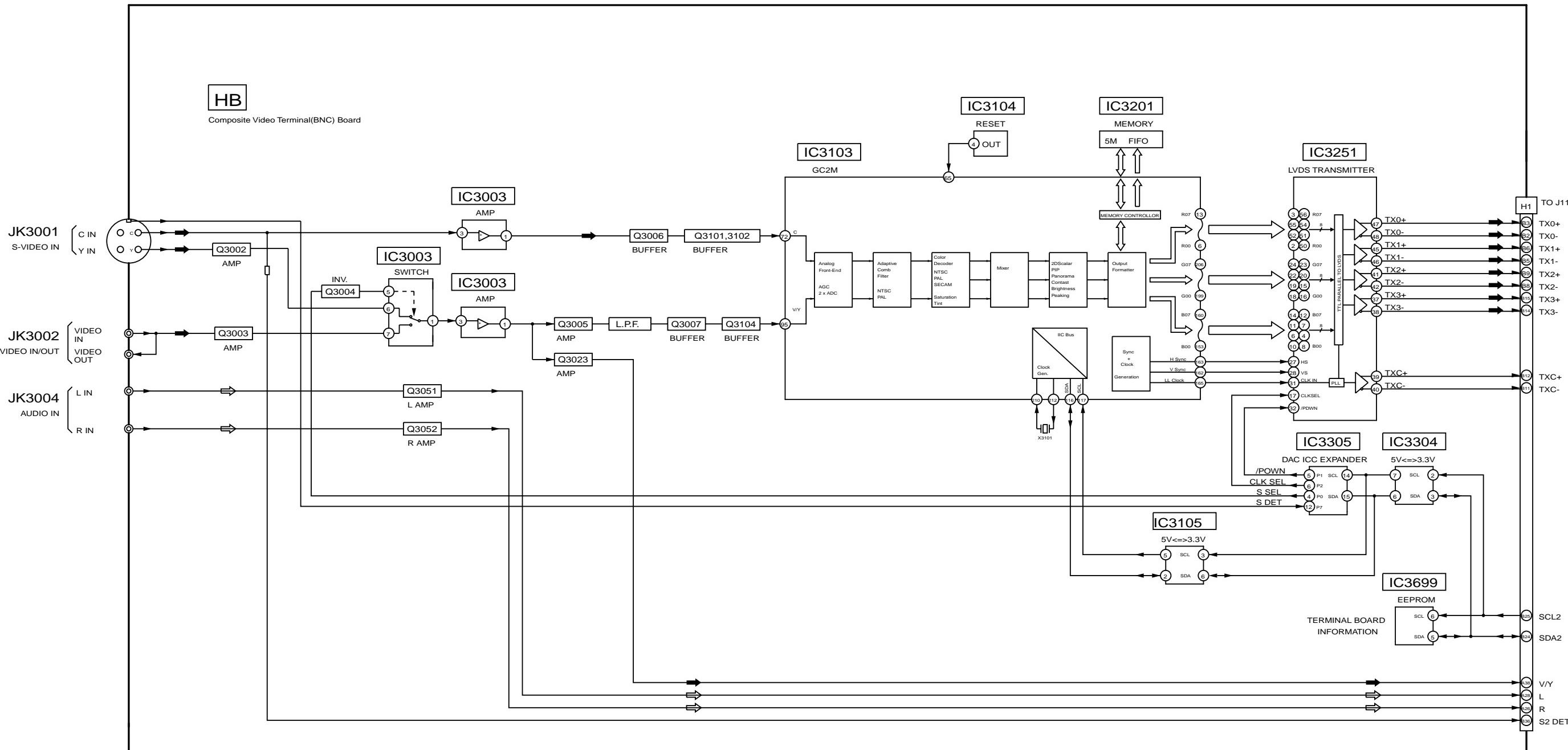
TH-37/42PW7 series
TH-37/42PWD7 series
P-Board (6 of 6) Schematic Diagram

10 11 12 13 14 15 16 17 18

15.13. HA-Board Block and Schematic Diagram



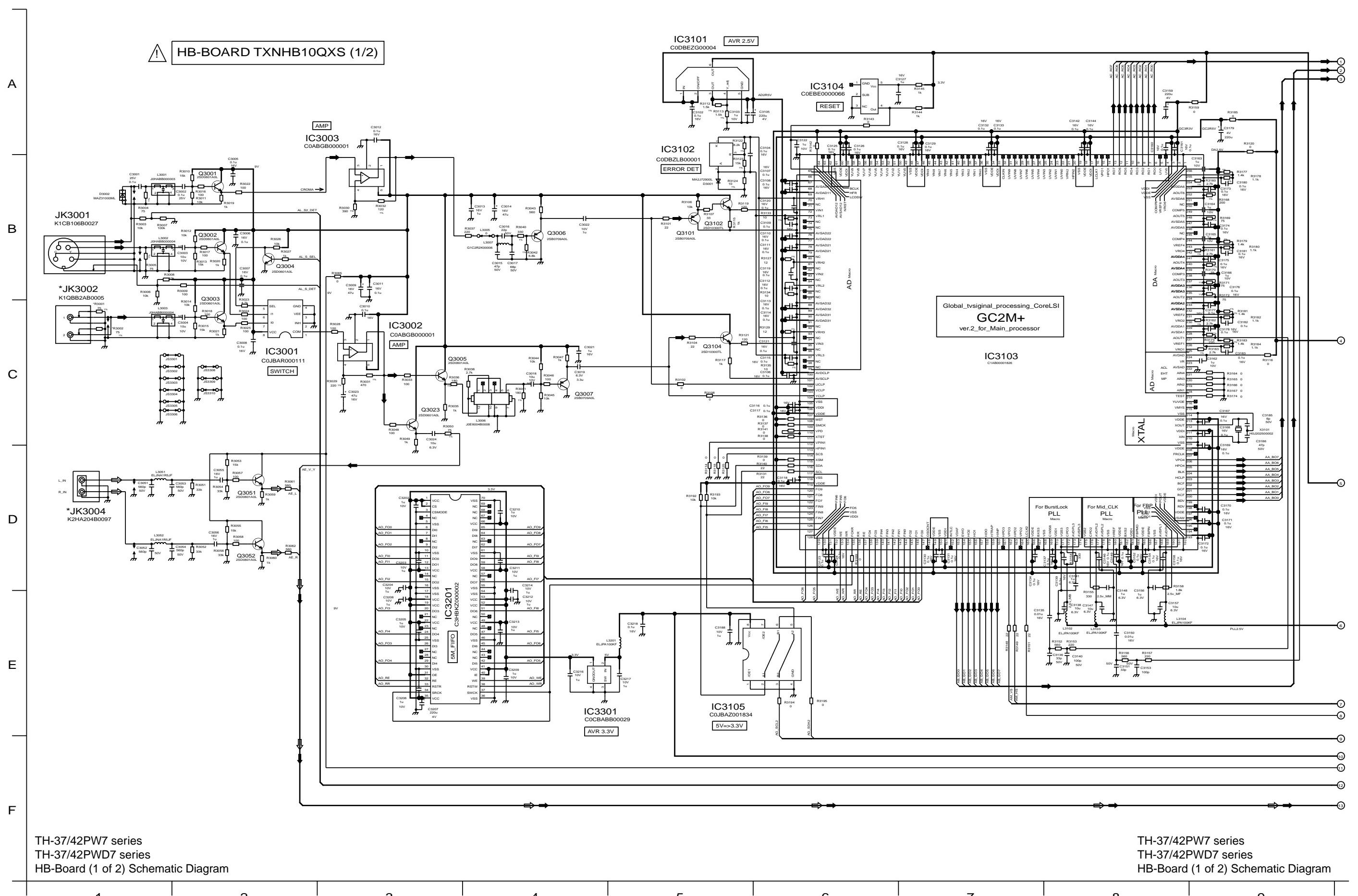
15.14. HB-Board Block Diagram



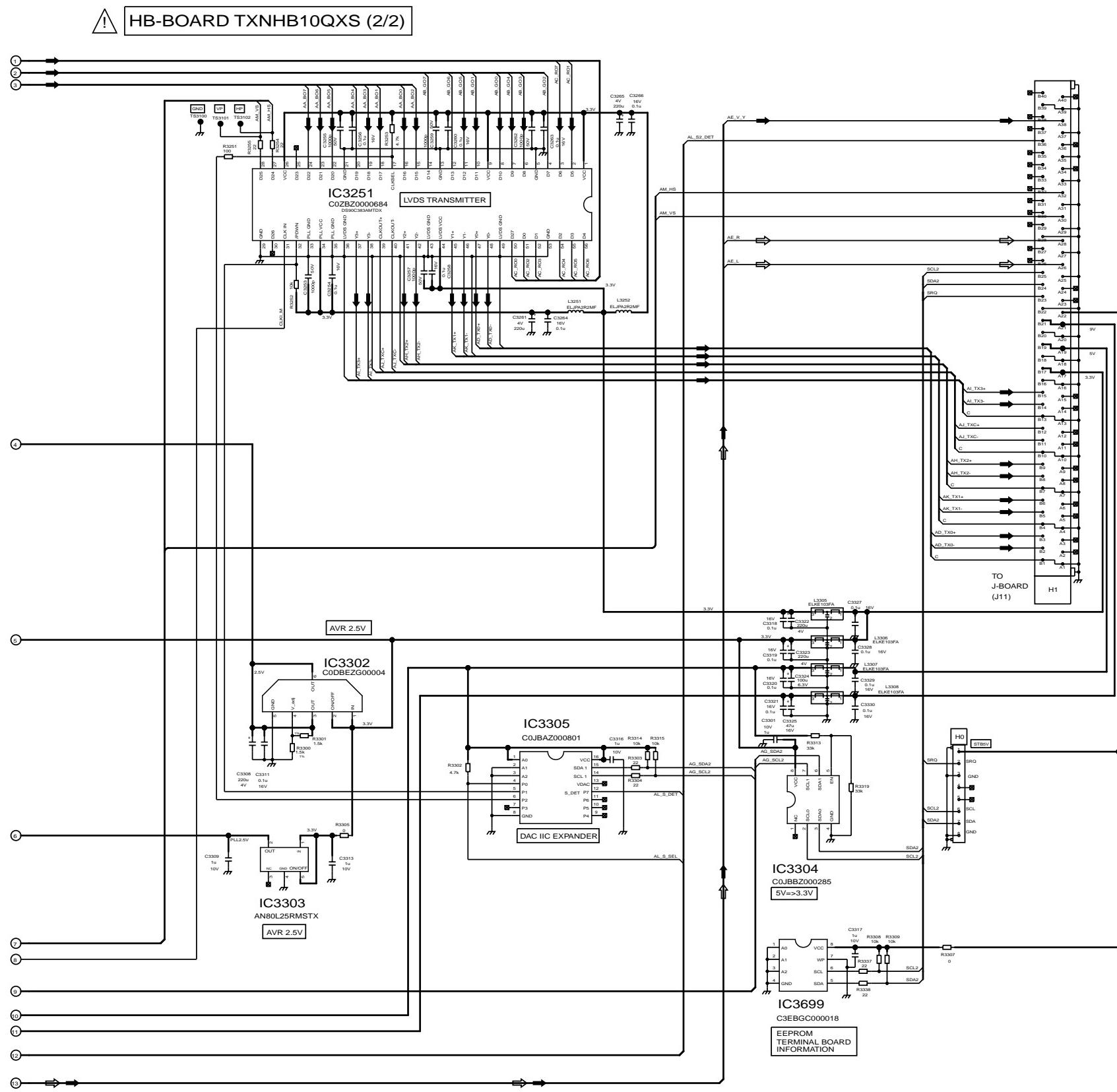
TH-37/42PW7 series
TH-37/42PWD7 series
HB-Board Block Diagram

TH-37/42PW7 series
TH-37/42PWD7 series
HB-Board Block Diagram

15.15. HB-Board (1 of 2) Schematic Diagram



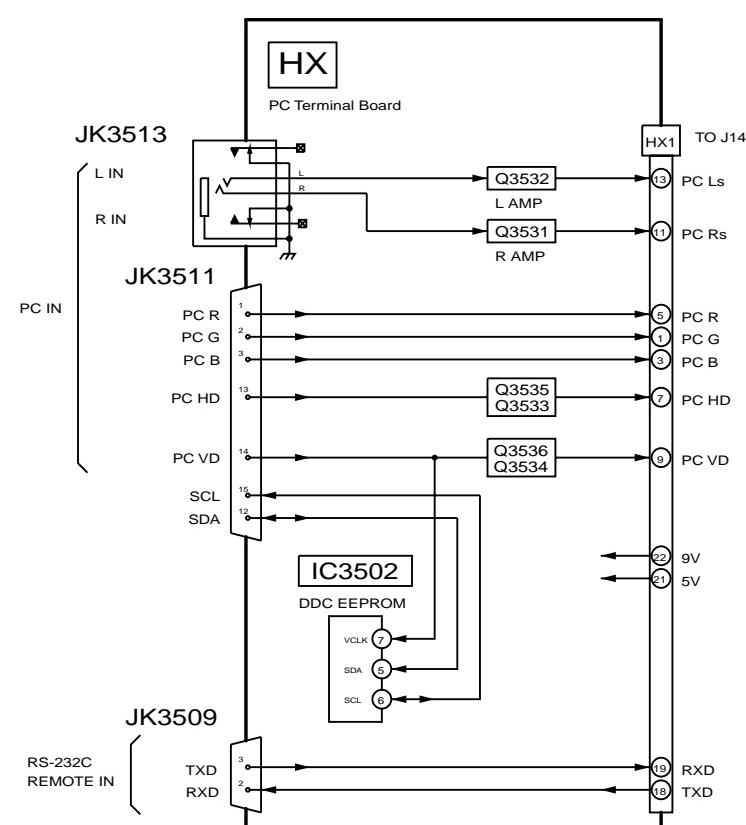
15.16. HB-Board (2 of 2) Schematic Diagram



TH-37/42PW7 series
TH-37/42PWD7 series
HB-Board (2 of 2) Schematic Diagram

TH-37/42PW7 series
TH-37/42PWD7 series
HB-Board (2 of 2) Schematic Diagram

15.17. HX-Board Block Diagram



TH-37/42PW7 series
TH-37/42PWD7 series
HX-Board Block Diagram

TH-37/42PW7 series
TH-37/42PWD7 series
HX-Board Block Diagram

15.18. HX-Board Schematic Diagram

A

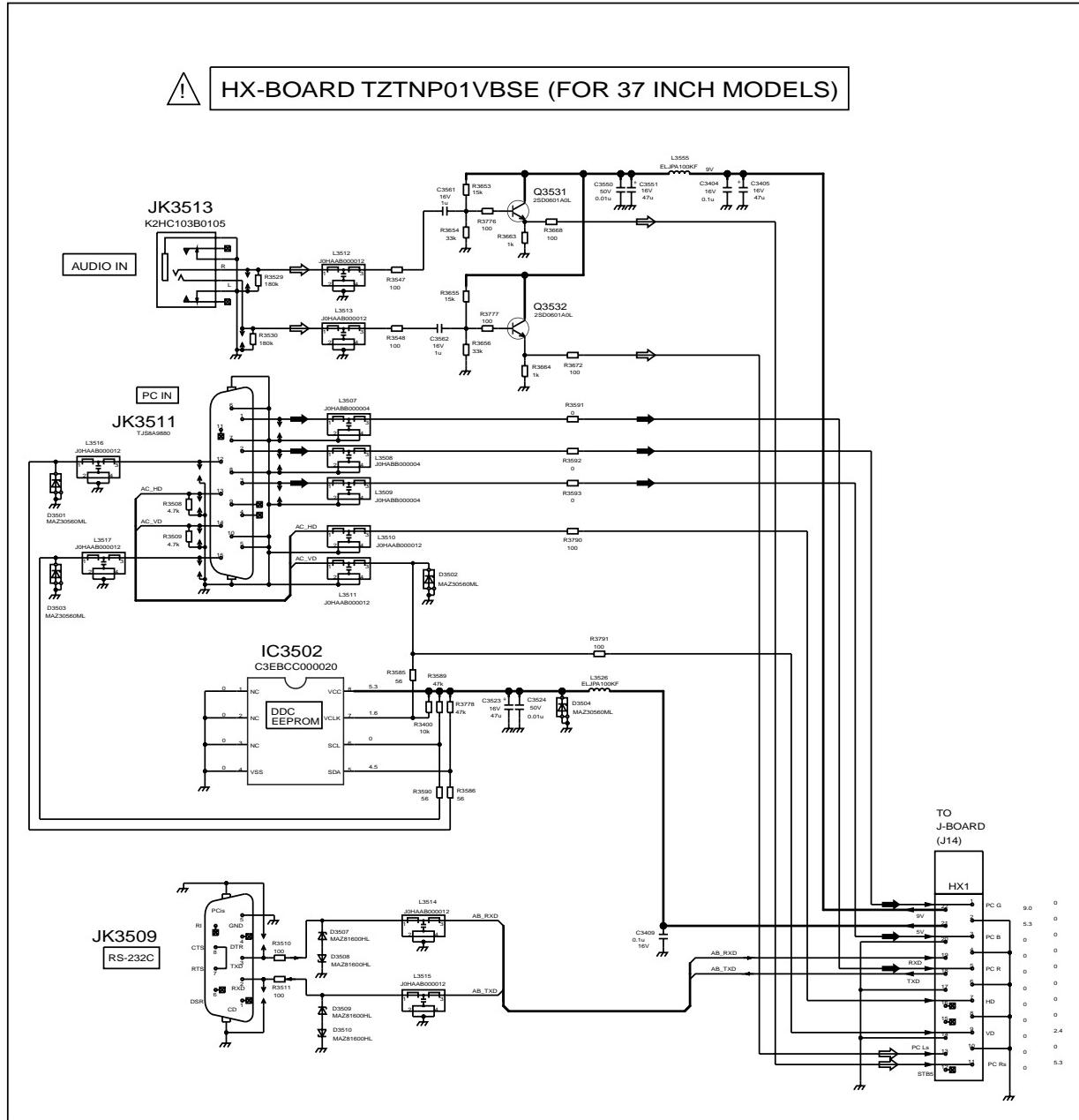
B

C

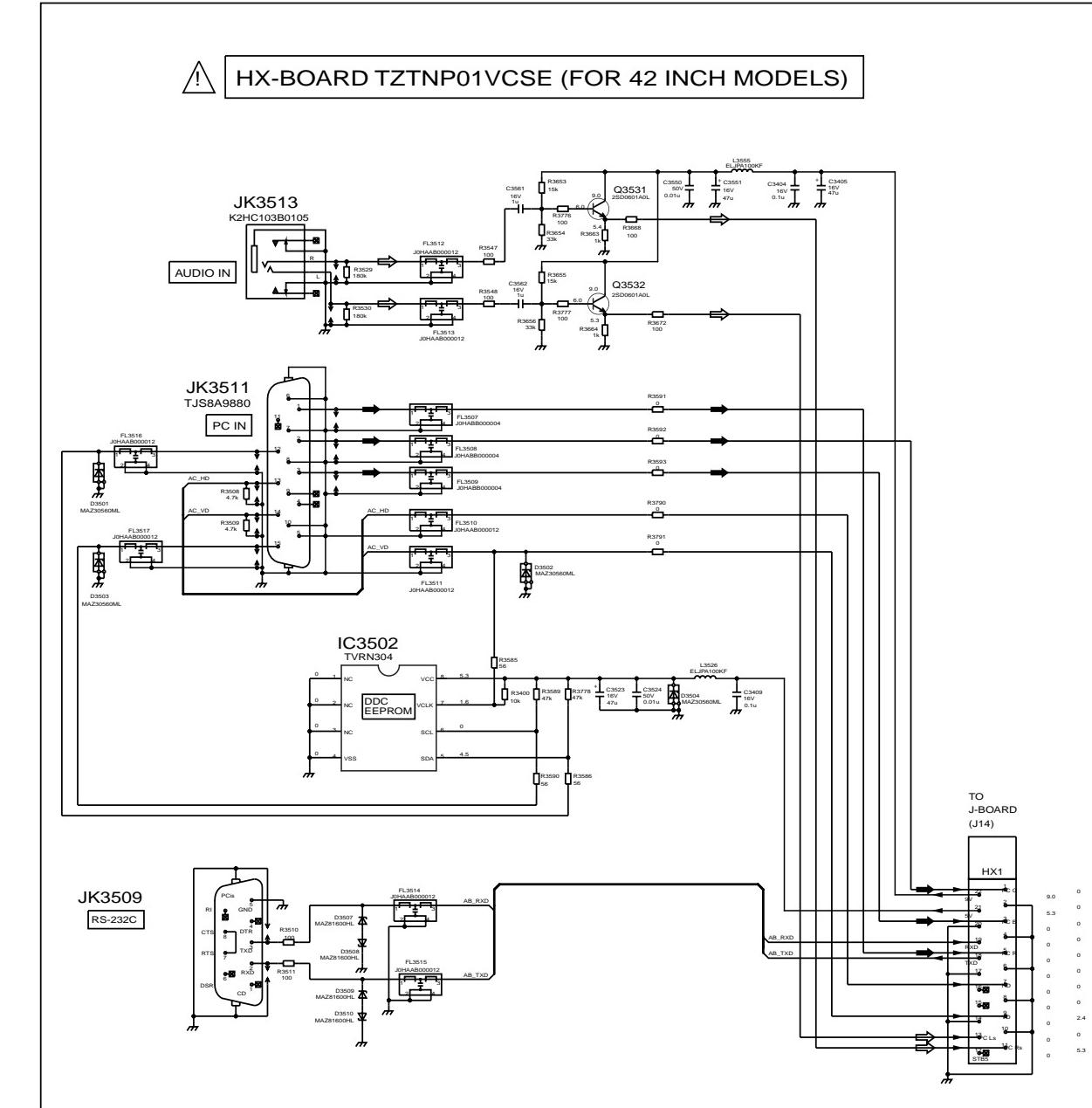
D

E

F

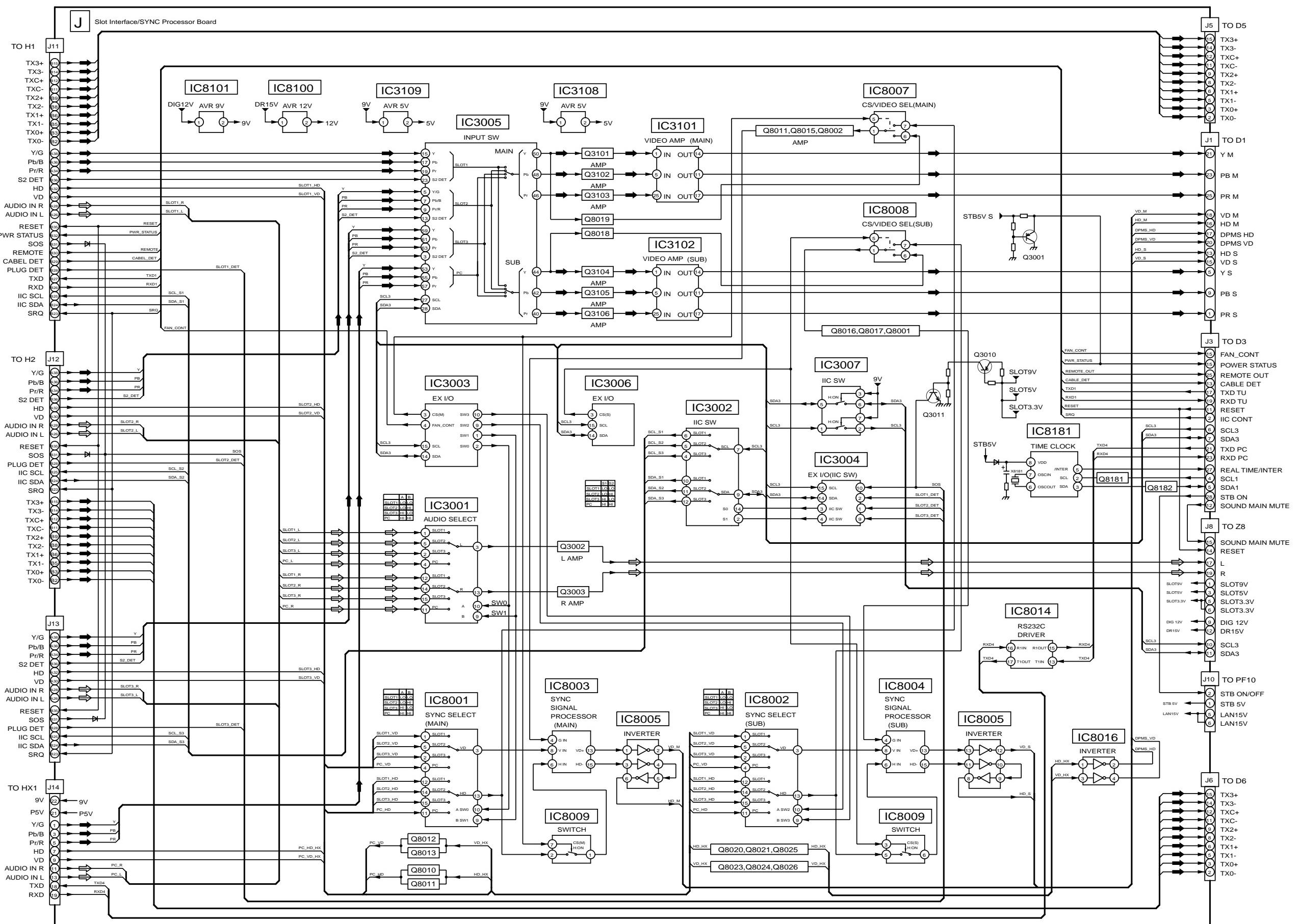


TH-37/42PW7 series
TH-37/42PWD7 series
HX-Board Schematic Diagram



TH-37/42PW7 series
TH-37/42PWD7 series
HX-Board Schematic Diagram

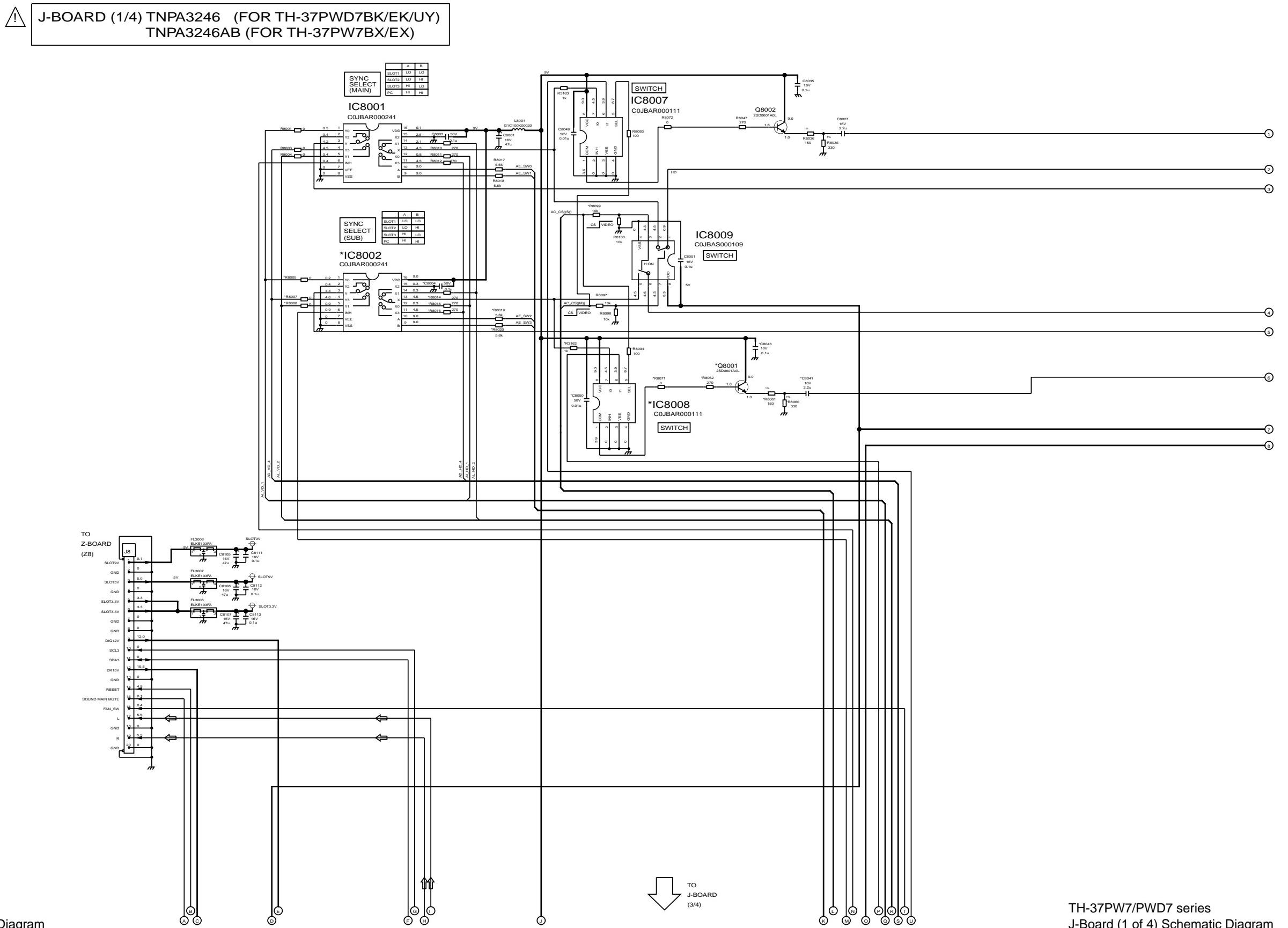
15.19. J-Board Block Diagram



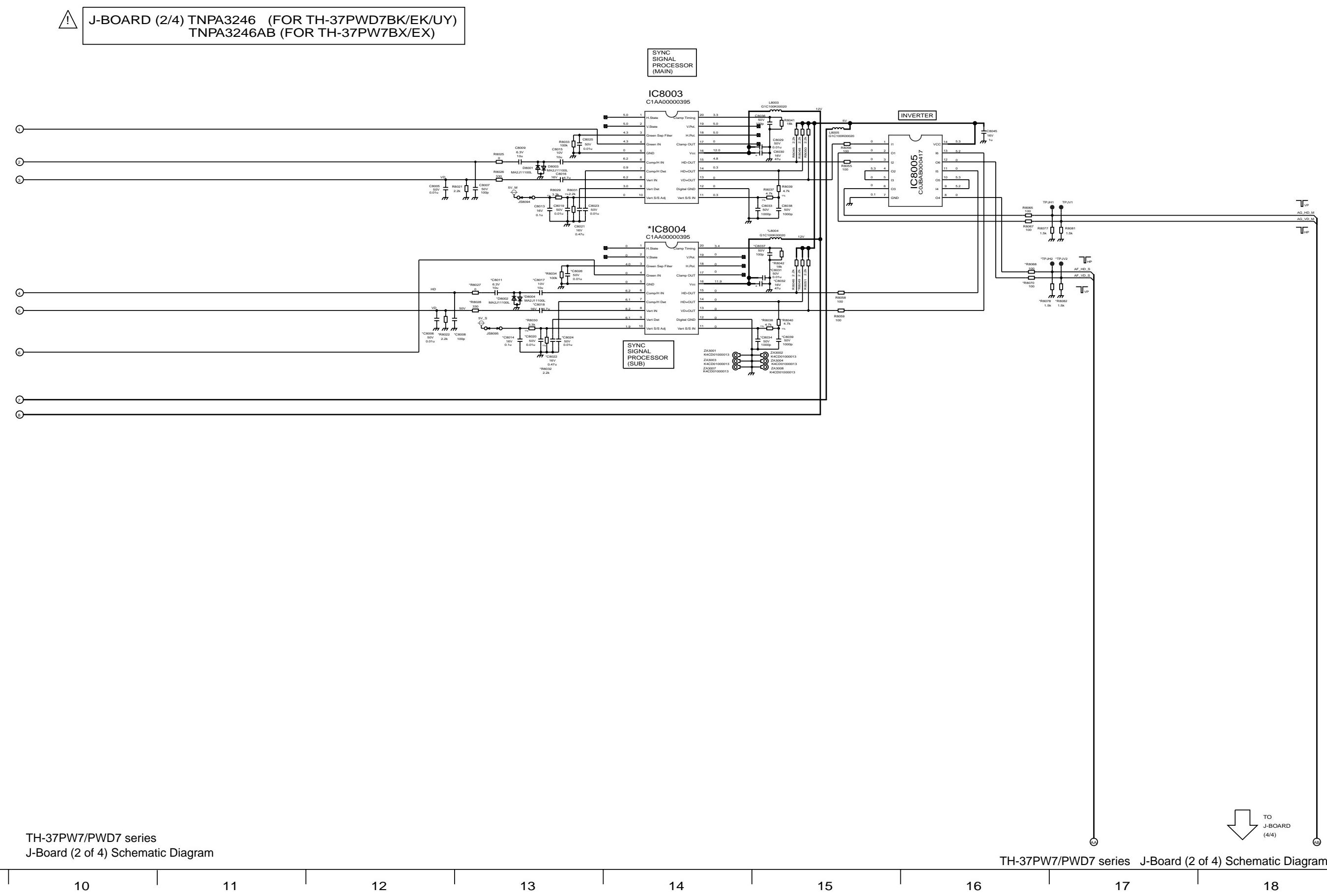
TH-37/42PW7 series TH-37/42PWD7 series
J-Board Block Diagram

TH-37/42PW7 series TH-37/42PWD7 series
J-Board Block Diagram

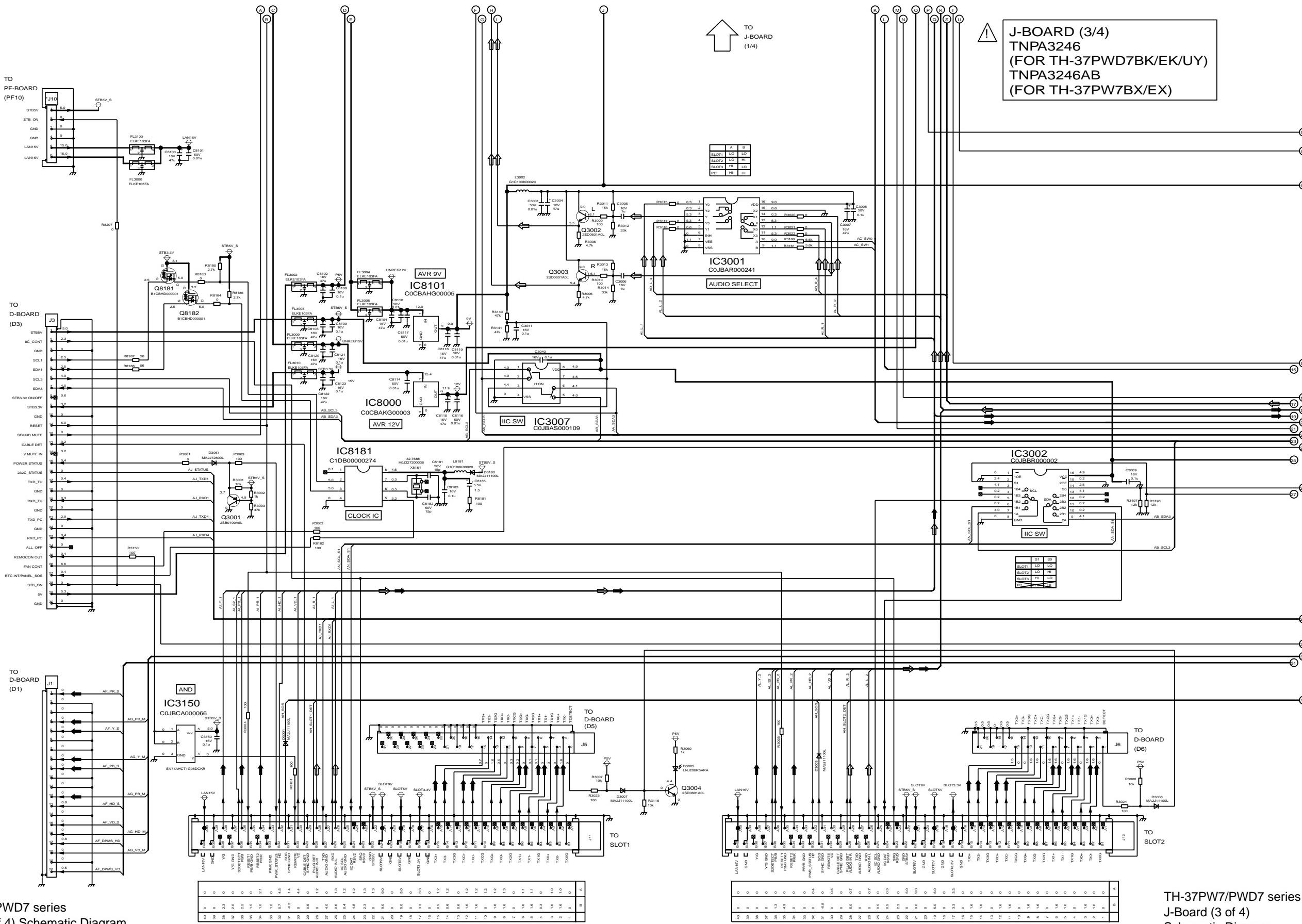
15.20. J-Board (1 of 4) Schematic Diagram (TH-37PW7/PWD7 series)



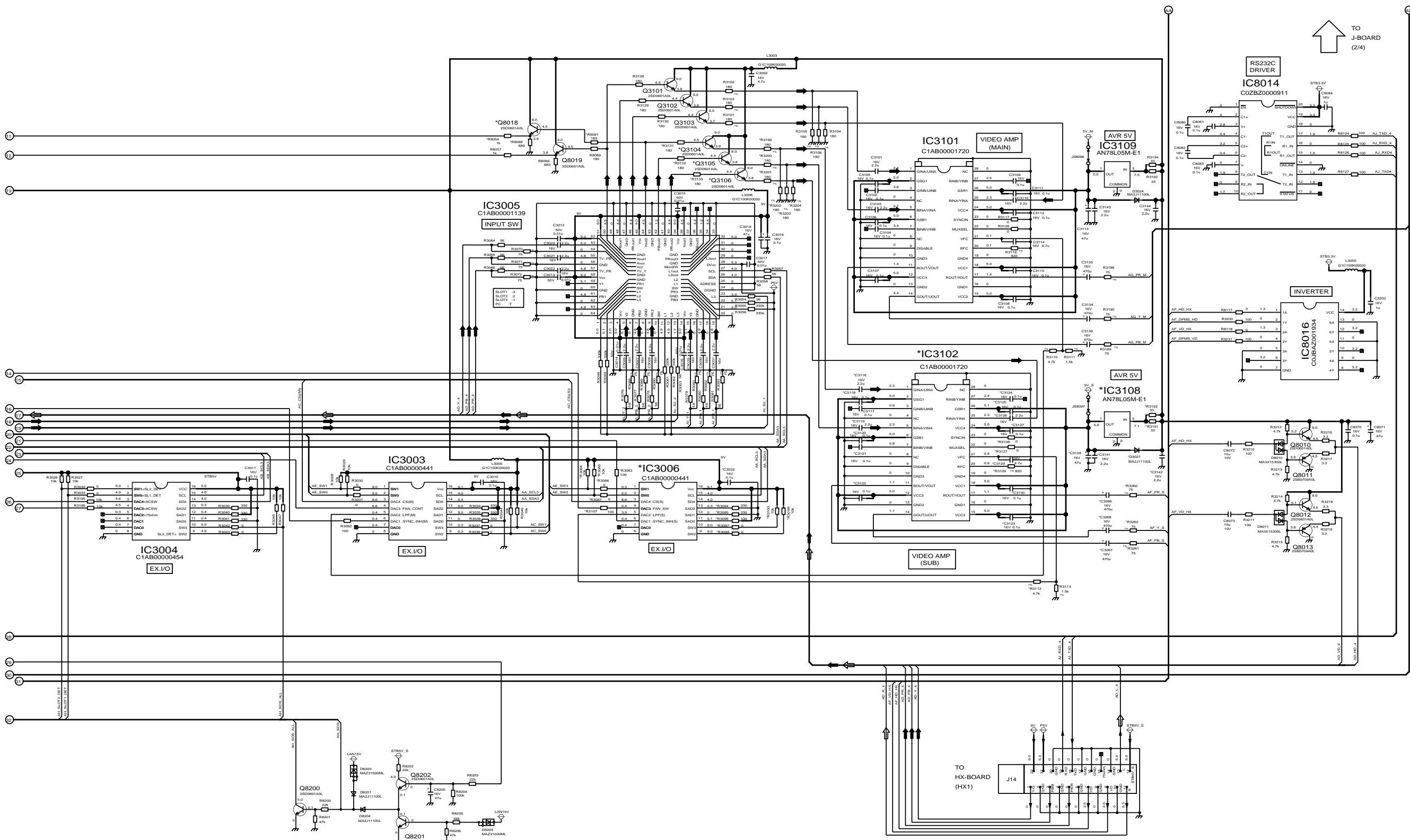
15.21. J-Board (2 of 4) Schematic Diagram (TH-37PW7/PWD7 series)



15.22. J-Board (3 of 4) Schematic Diagram (TH-37PW7/PWD7 series)



15.23. J-Board (4 of 4) Schematic Diagram (TH-37PW7/PWD7 series)

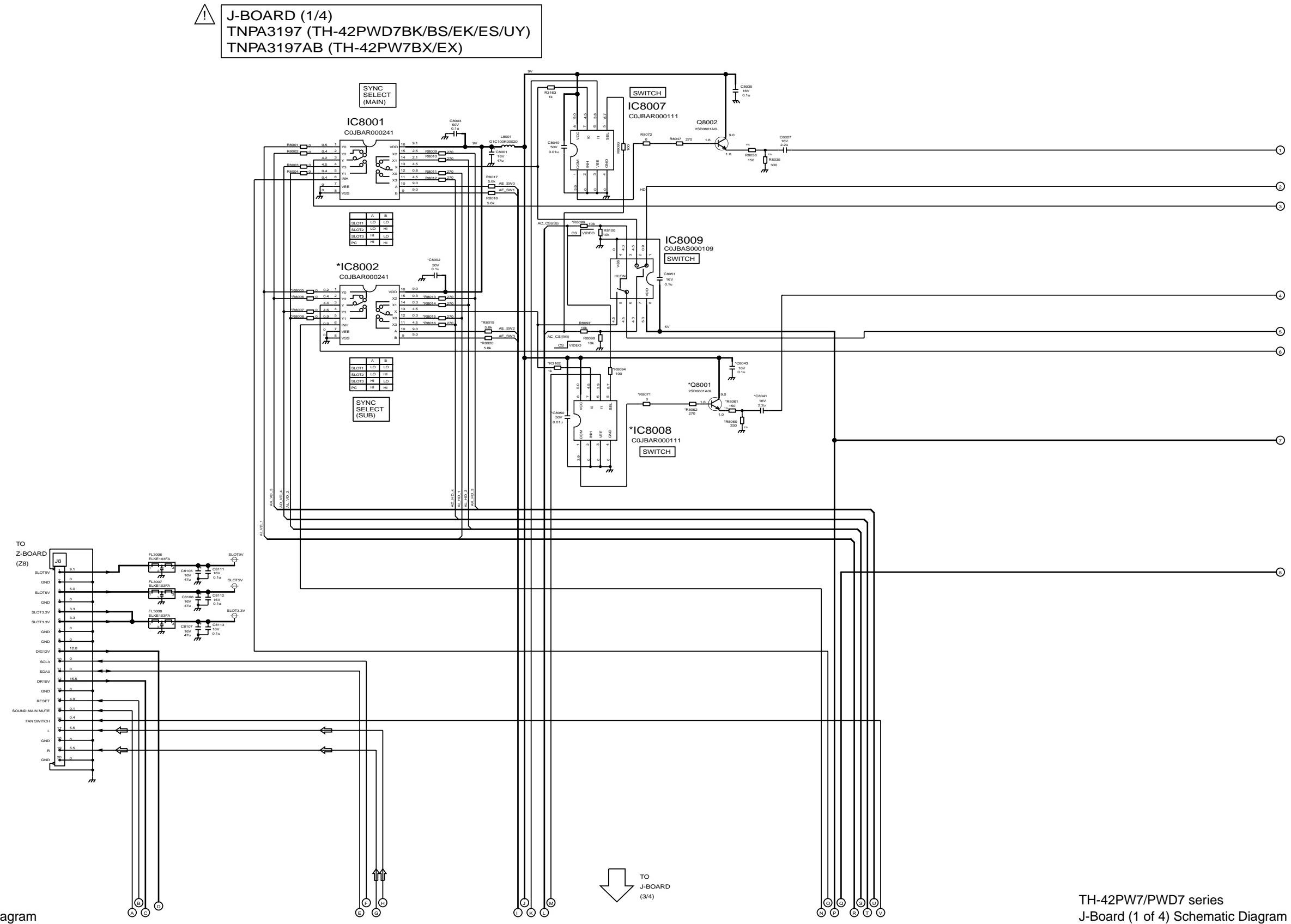


J-BOARD (4/4) TNPA3246 (FOR TH-37PWD7BK/EK/UY)
TNPA3246AB (FOR TH-37PW7BX/EX)

TH-37PW7/PWD7 series J-Board (4 of 4) Schematic Diagram

TH-37PW7/PWD7 series J-Board (4 of 4) Schematic Diagram

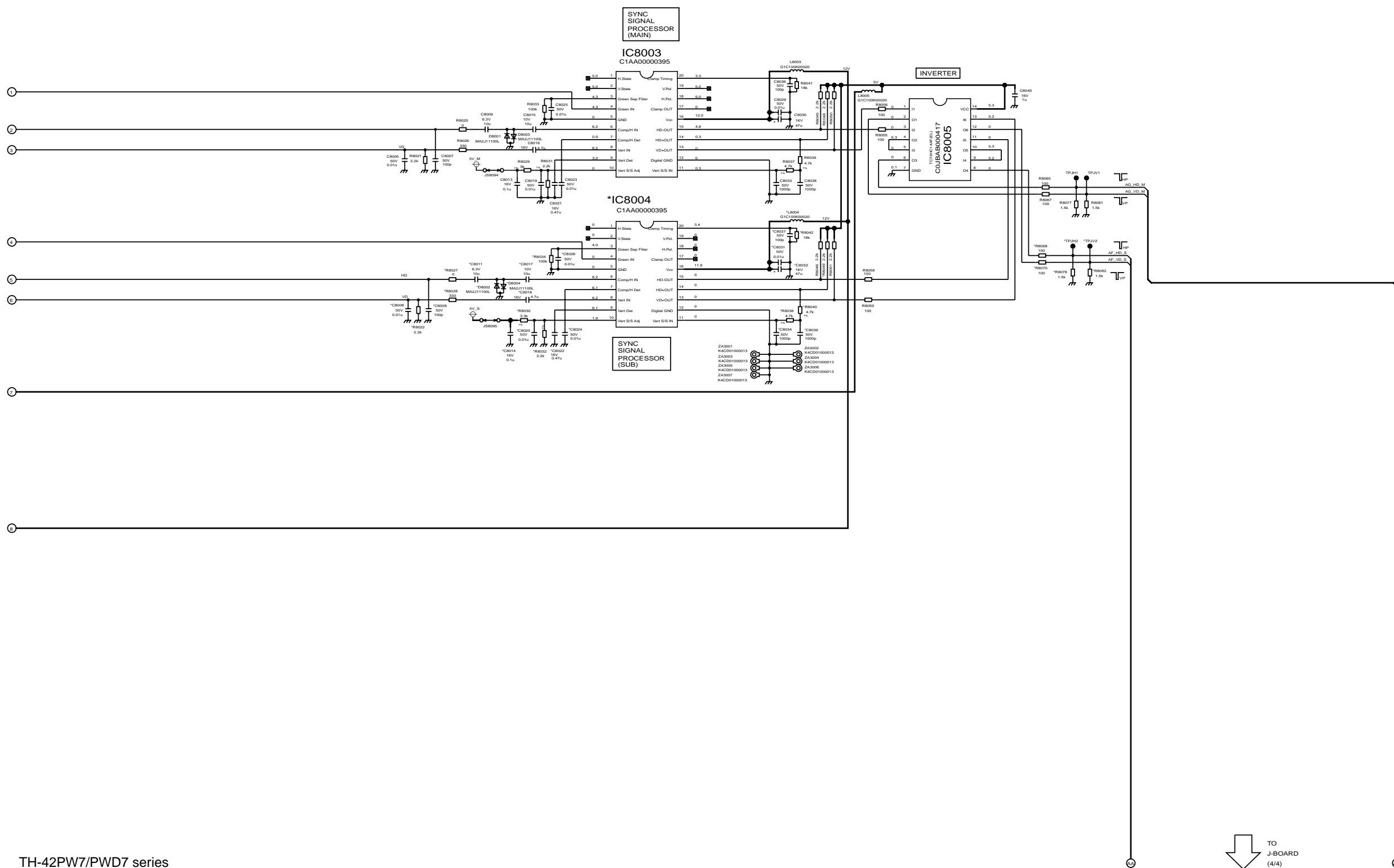
15.24. J-Board (1 of 4) Schematic Diagram (TH-42PW7/PWD7 series)



15.25. J-Board (2 of 4) Schematic Diagram (TH-42PWD7/PWD7 series)



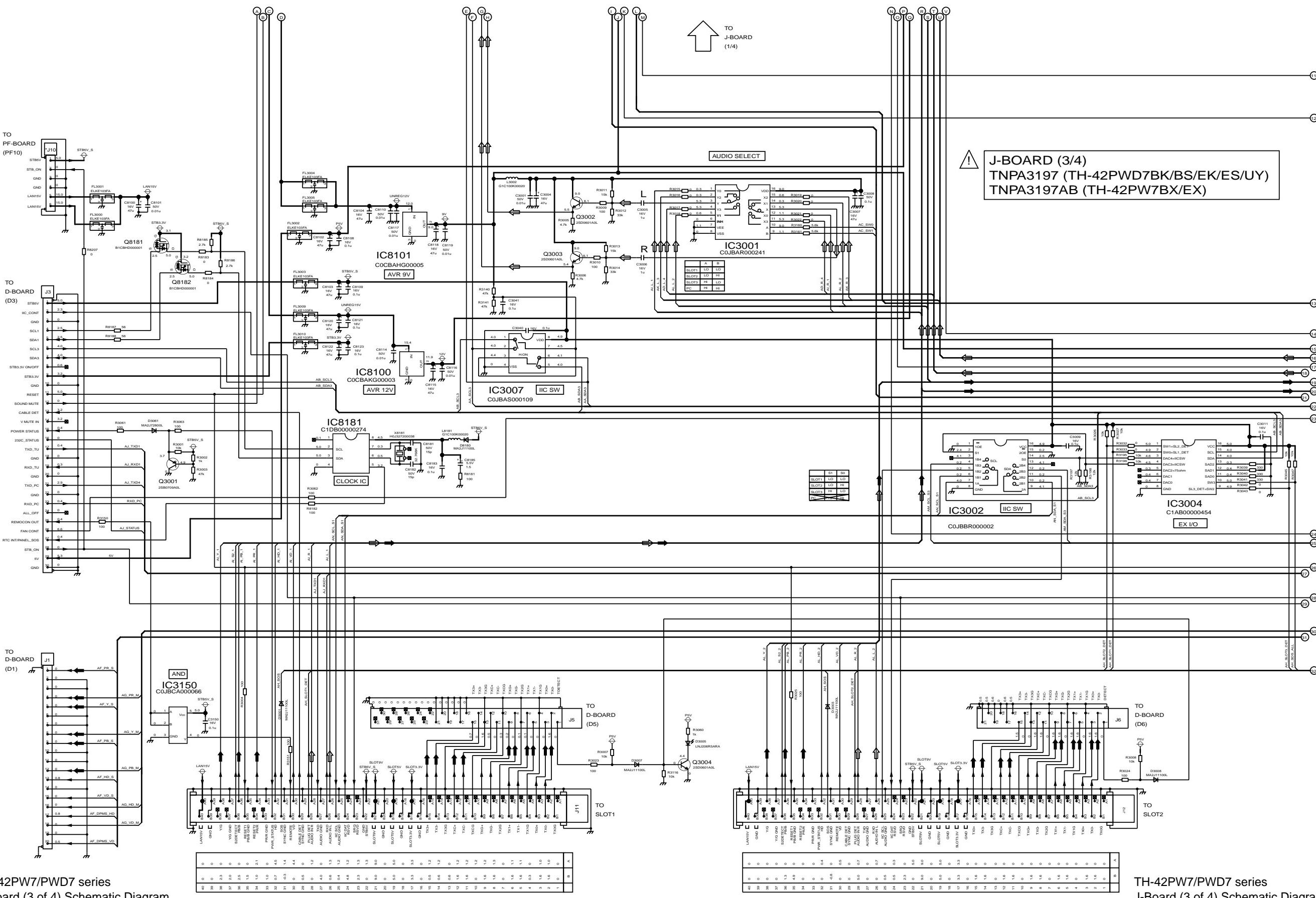
J-BOARD (2/4)
TNPA3197 (TH-42PWD7BK/BS/EK/ES/UY)
TNPA3197AB (TH-42PWD7BX/EX)



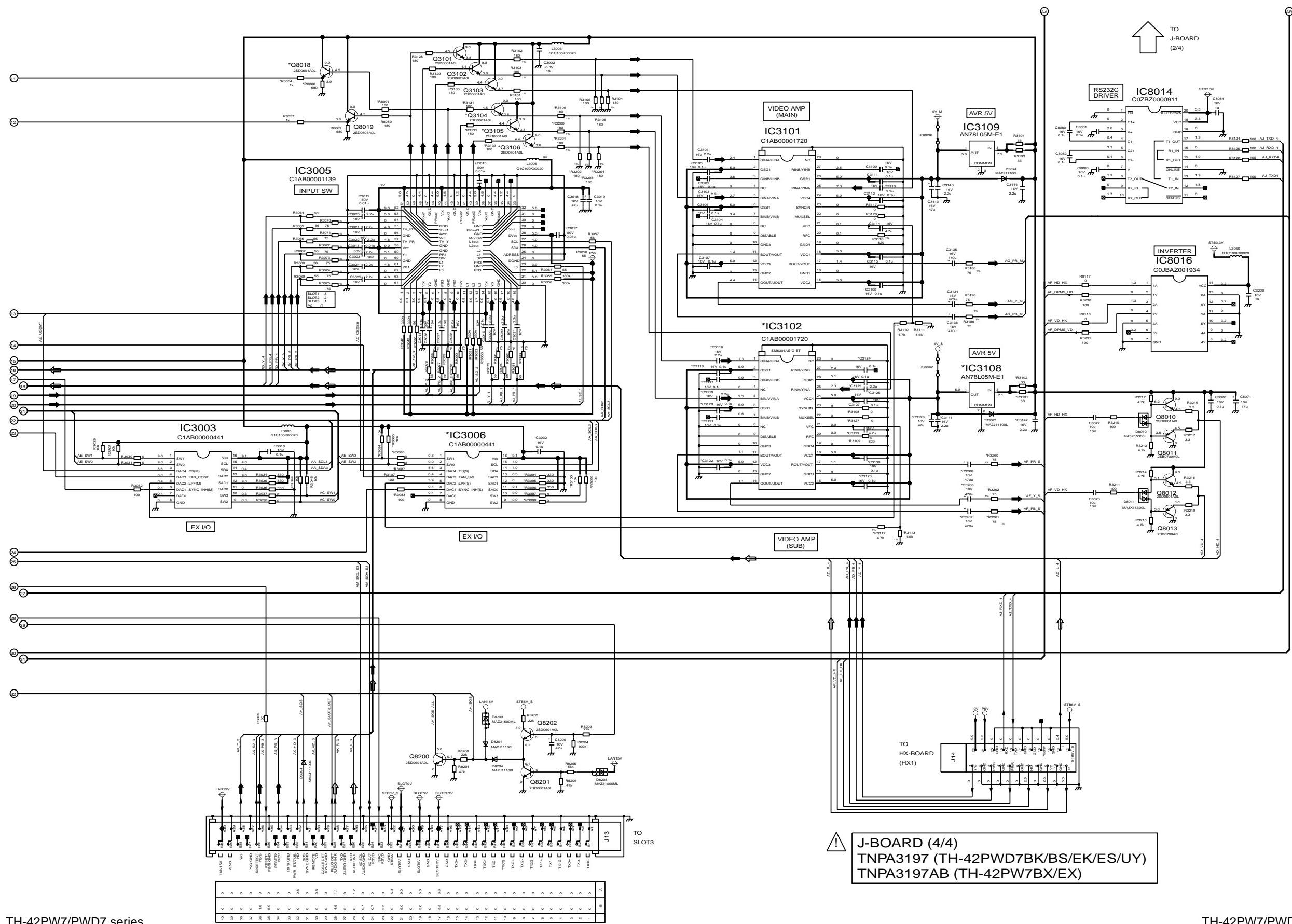
TH-42PWD7/PWD7 series
J-Board (2 of 4) Schematic Diagram

TH-42PWD7/PWD7 series J-Board (2 of 4) Schematic Diagram

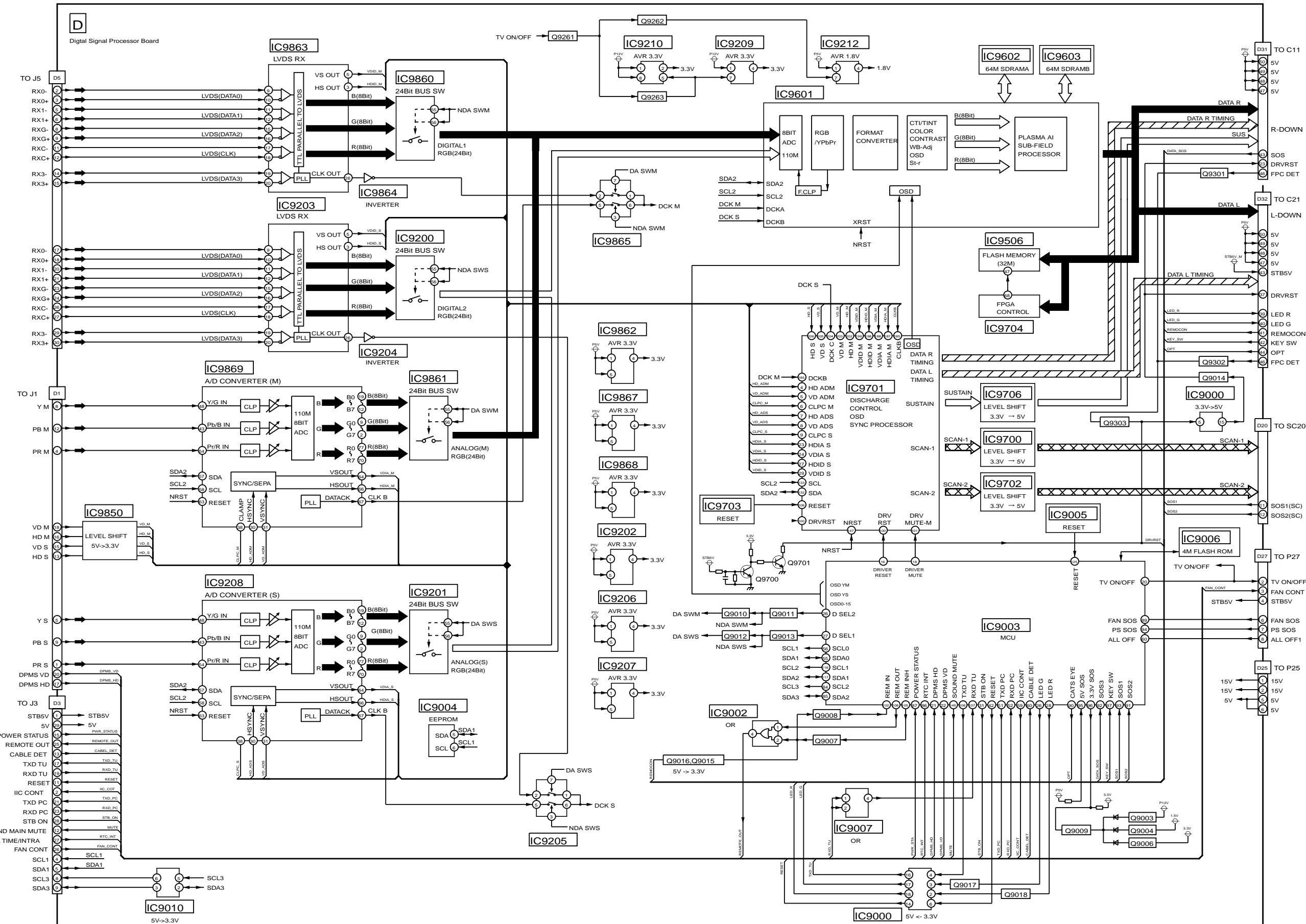
15.26. J-Board (3 of 4) Schematic Diagram (TH-42PW7/PWD7 series)



15.27. J-Board (4 of 4) Schematic Diagram (TH-42PWD7/PWD7 series)



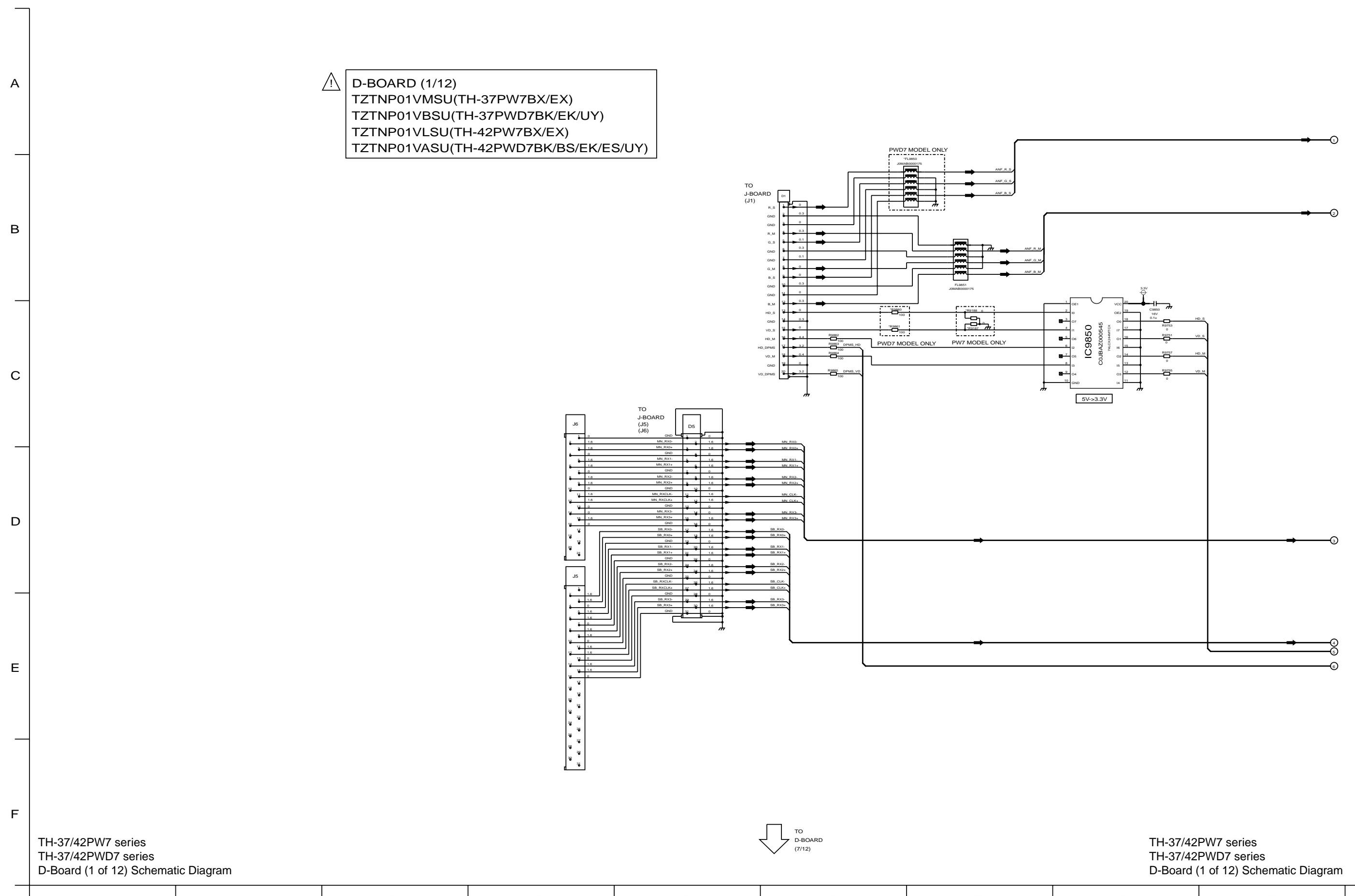
15.28. D-Board Block Diagram



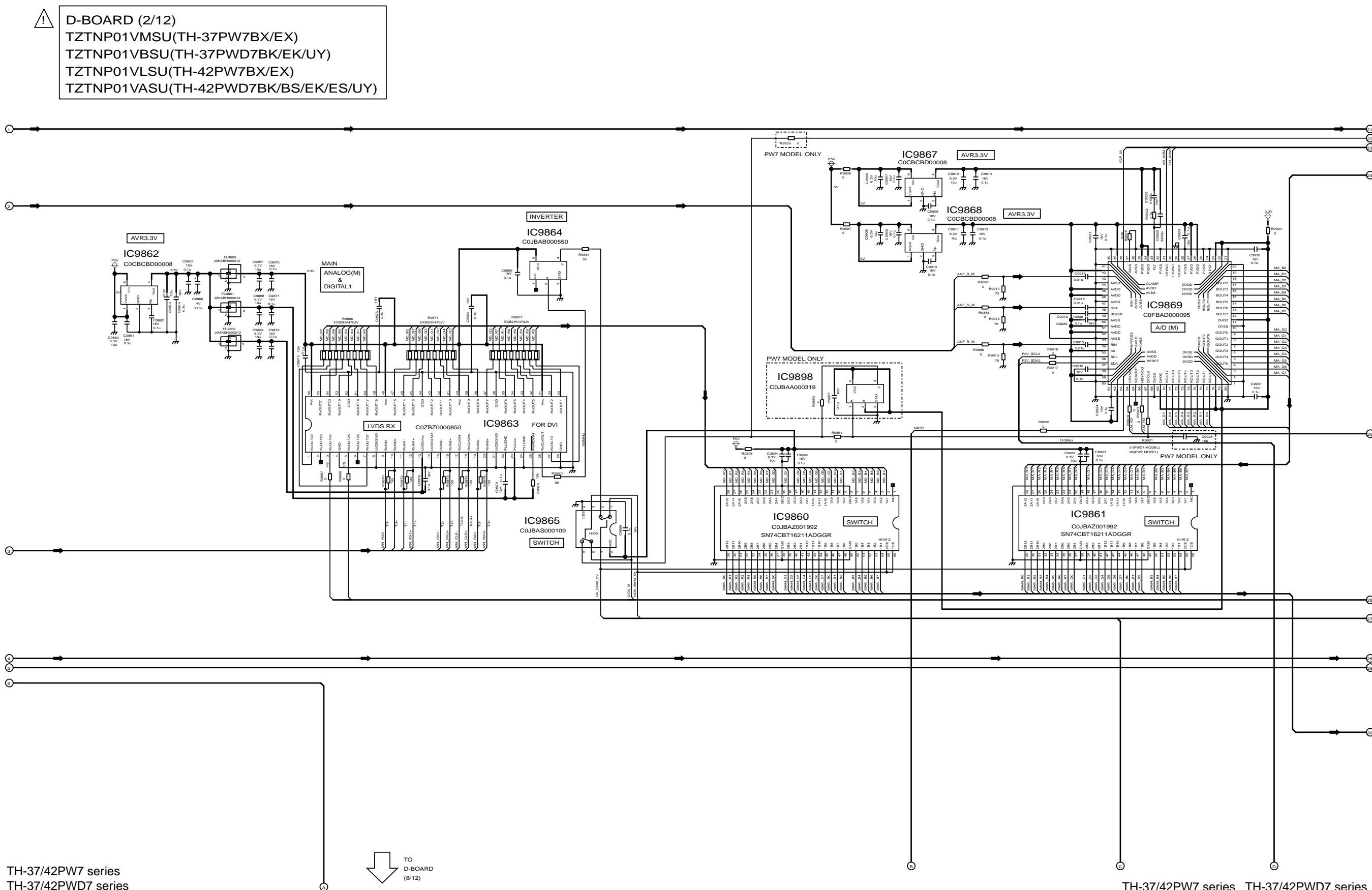
TH-37/42PW7 series
D-Board Block Diagram

TH-37/42PW7 series
D-Board Block Diagram

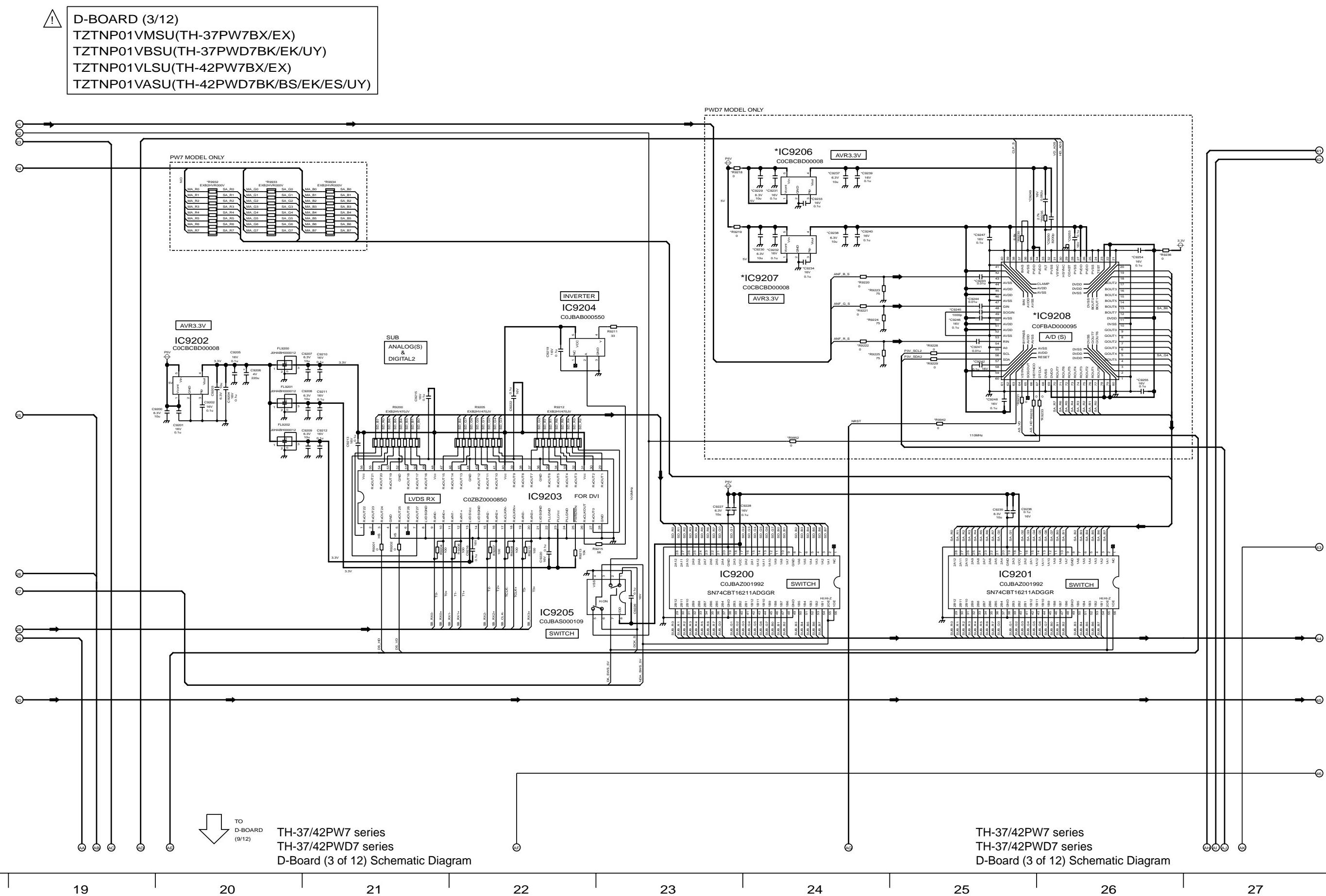
15.29. D-Board (1 of 12) Schematic Diagram



15.30. D-Board (2 of 12) Schematic Diagram

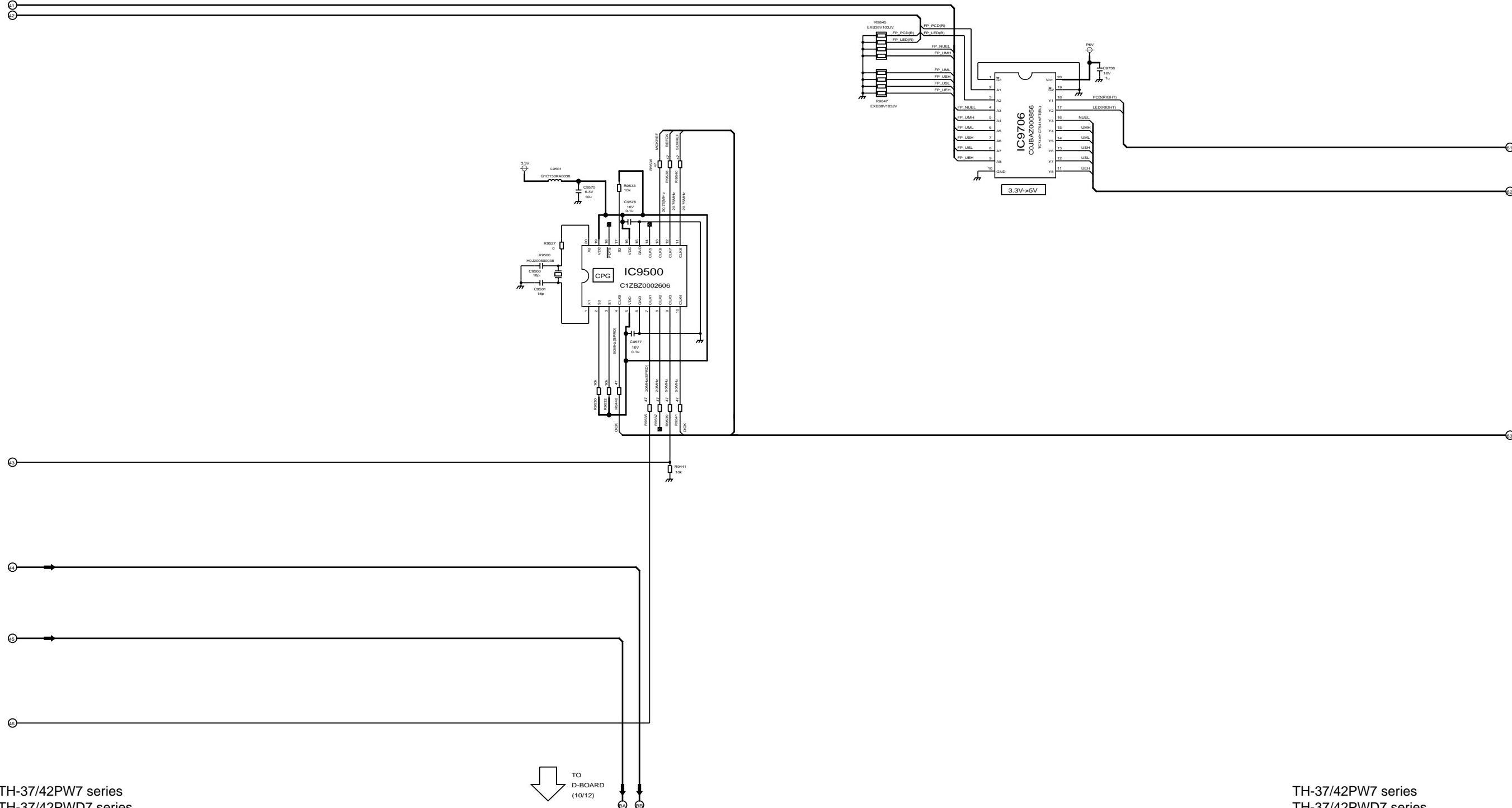


15.31. D-Board (3 of 12) Schematic Diagram



15.32. D-Board (4 of 12) Schematic Diagram

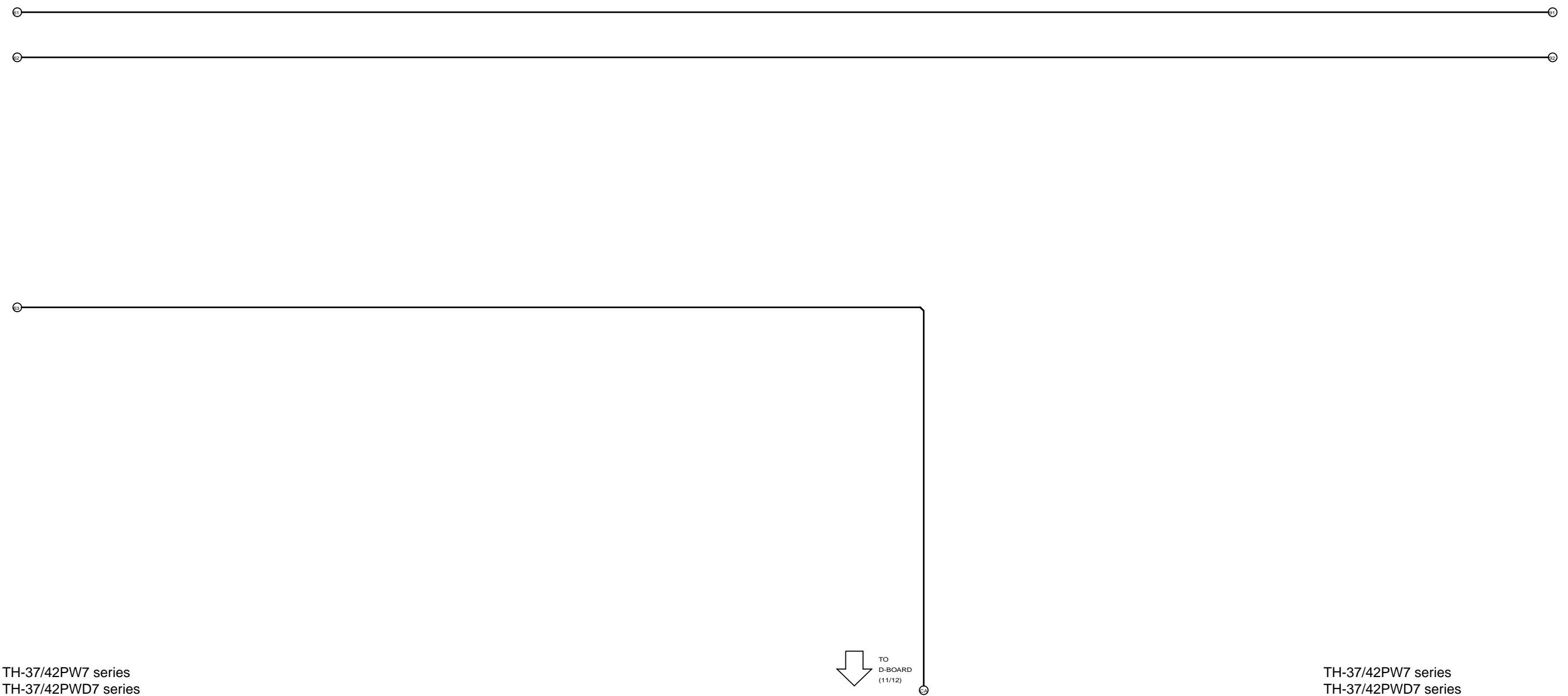
⚠ D-BOARD (4/12)
 TZTNP01VMSU(TH-37PW7BX/EX)
 TZTNP01VBSU(TH-37PWD7BK/EK/UY)
 TZTNP01VLSU(TH-42PW7BX/EX)
 TZTNP01VASU(TH-42PWD7BK/BS/EK/ES/UY)



15.33. D-Board (5 of 12) Schematic Diagram



D-BOARD (5/12)
TZTNP01VMSU(TH-37PW7BX/EX)
TZTNP01VBSU(TH-37PWD7BK/EK/UY)
TZTNP01VLSU(TH-42PW7BX/EX)
TZTNP01VASU(TH-42PWD7BK/BS/EK/ES/UY)



TH-37/42PW7 series
TH-37/42PWD7 series
D-Board (5 of 12) Schematic Diagram

TH-37/42PW7 series
TH-37/42PWD7 series
D-Board (5 of 12) Schematic Diagram

37

38

39

40

41

42

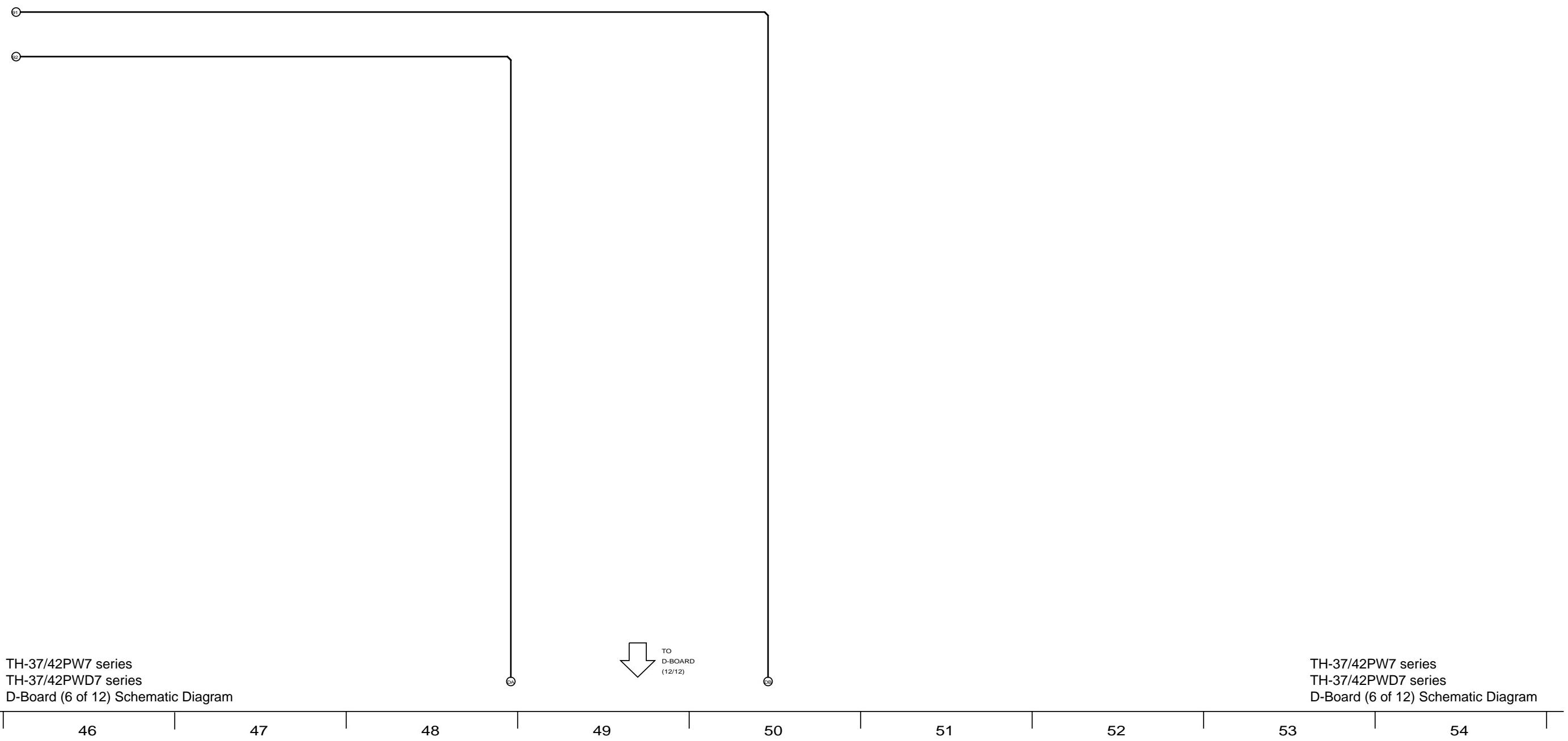
43

44

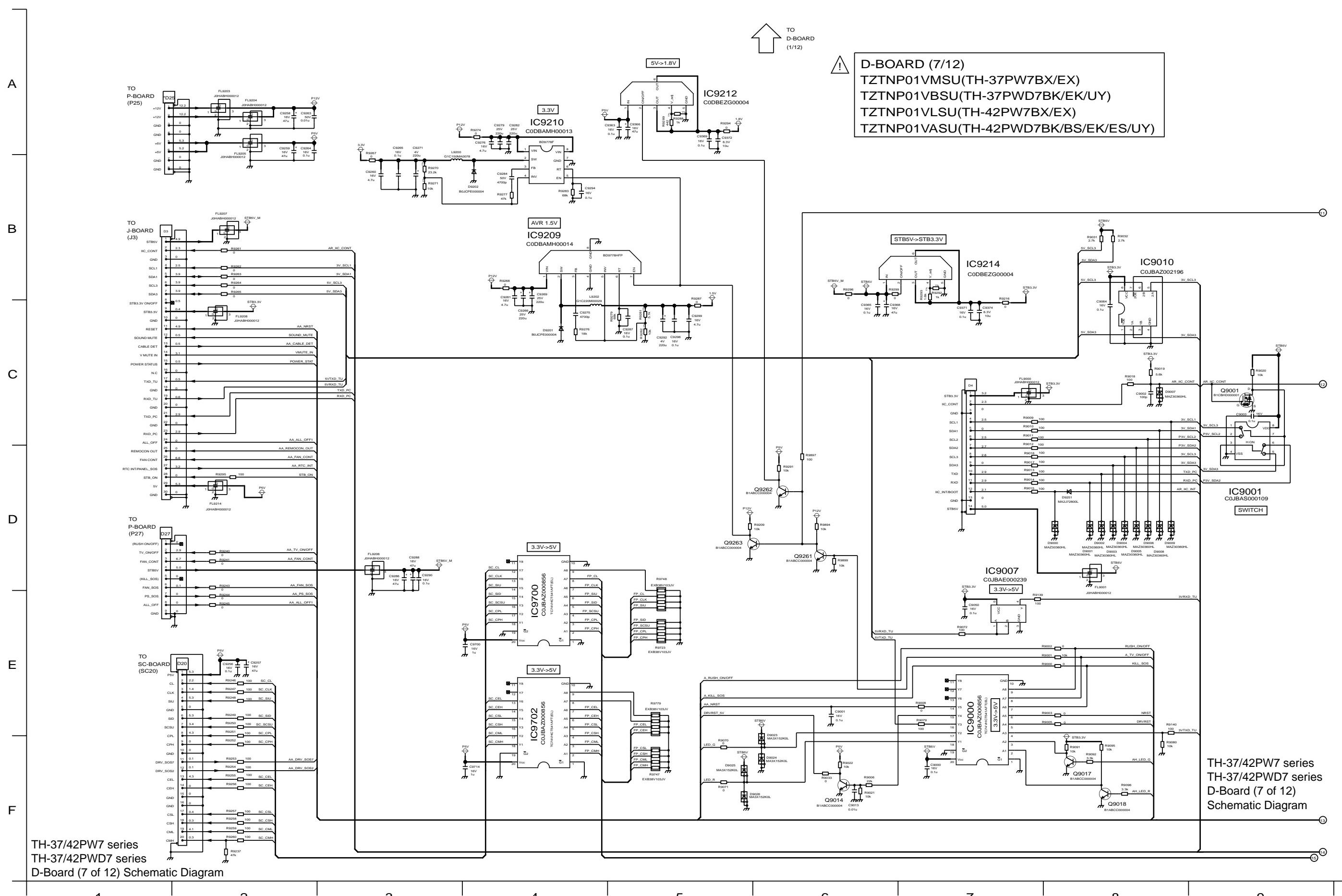
45

15.34. D-Board (6 of 12) Schematic Diagram

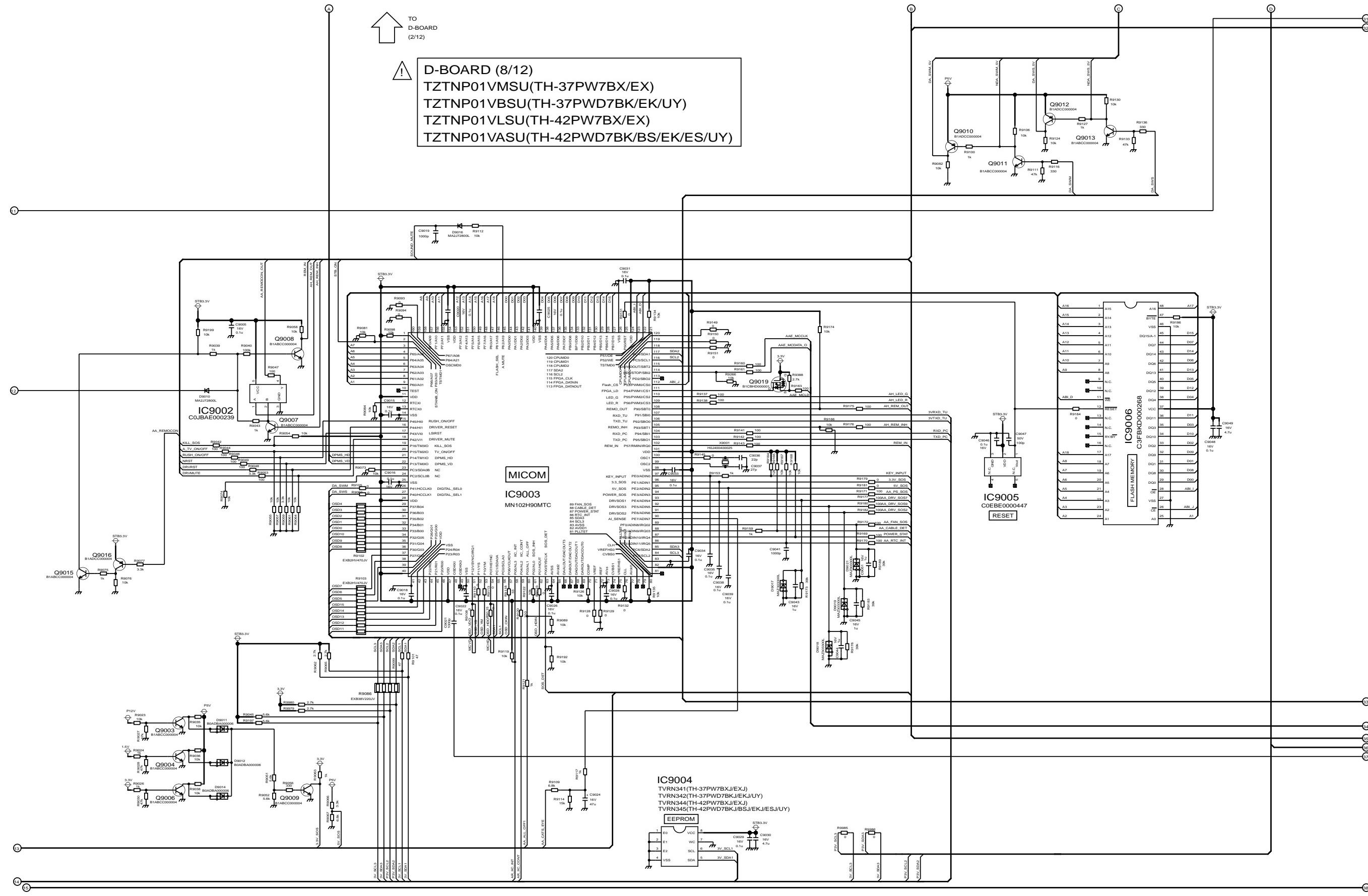
⚠ D-BOARD (6/12)
TZTNP01VMSU(TH-37PWD7BK/EK/UY)
TZTNP01VBSU(TH-37PWD7BK/EK/UY)
TZTNP01VLSU(TH-42PWD7BK/BS/EK/ES/UY)
TZTNP01VASU(TH-42PWD7BK/BS/EK/ES/UY)



15.35. D-Board (7 of 12) Schematic Diagram



15.36. D-Board (8 of 12) Schematic Diagram

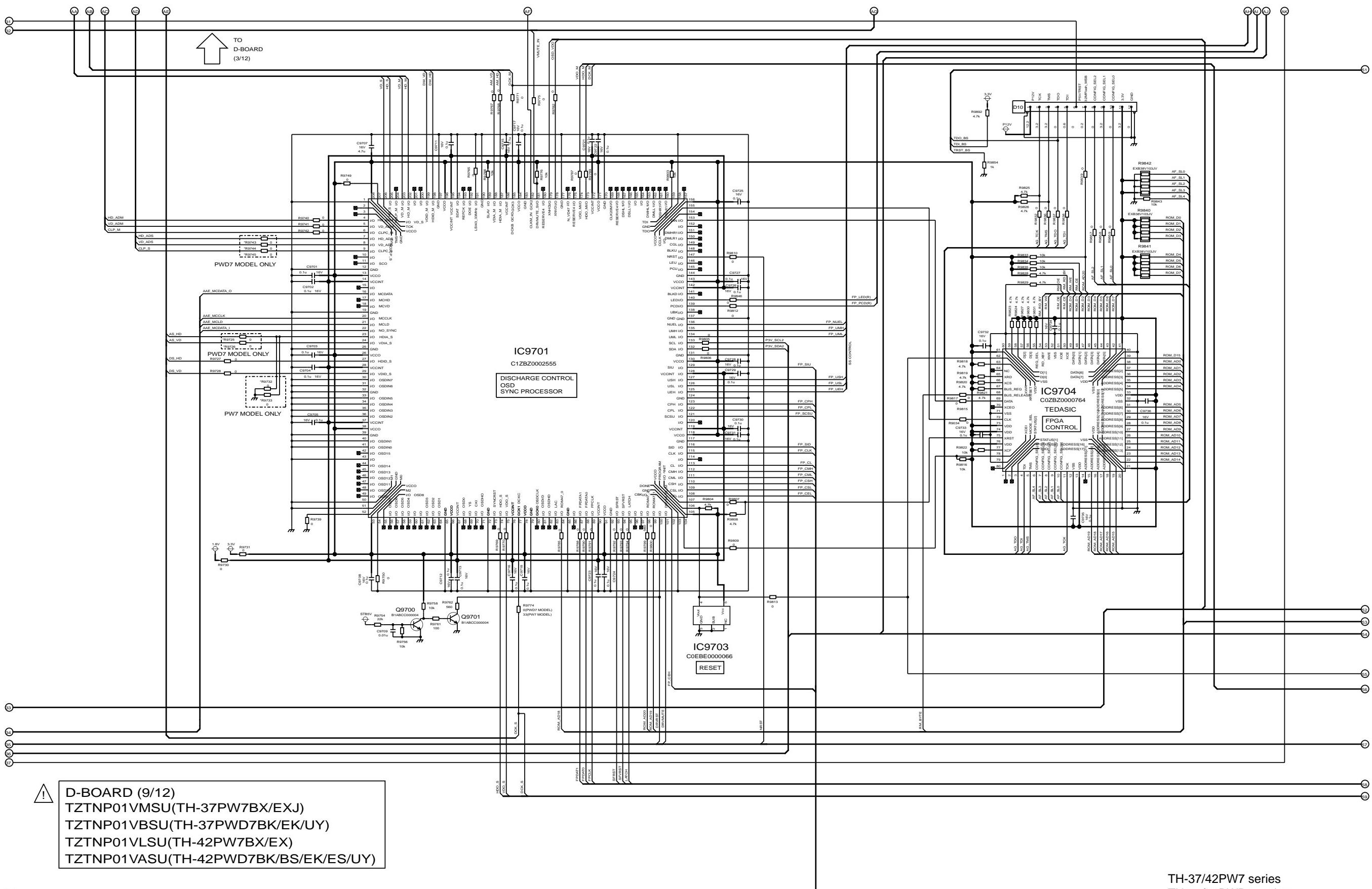


TH-37/42PW7 series TH-37/42PWD7 series D-Board (8 of 12) Schematic Diagram

TH-37/42PW7 series TH-37/42PWD7 series D-Board (8 of 12) Schematic Diagram

10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |

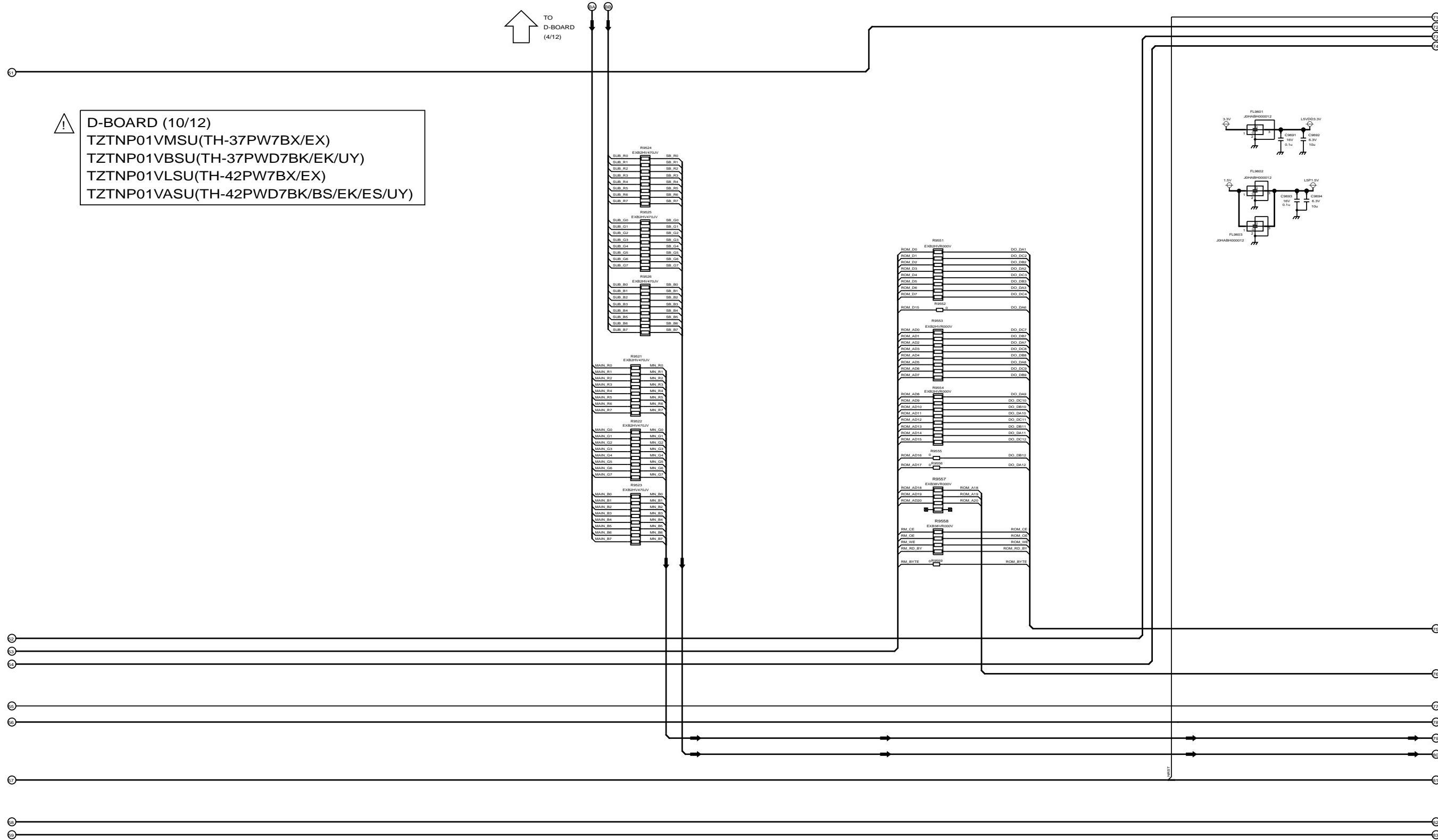
15.37. D-Board (9 of 12) Schematic Diagram



TH-37/42PW7 series TH-37/42PWD7 series D-Board (9 of 12) Schematic Diagram

TH-37/42PW7 series
TH-37/42PWD7 series
D-Board (9 of 12) Schematic Diagram

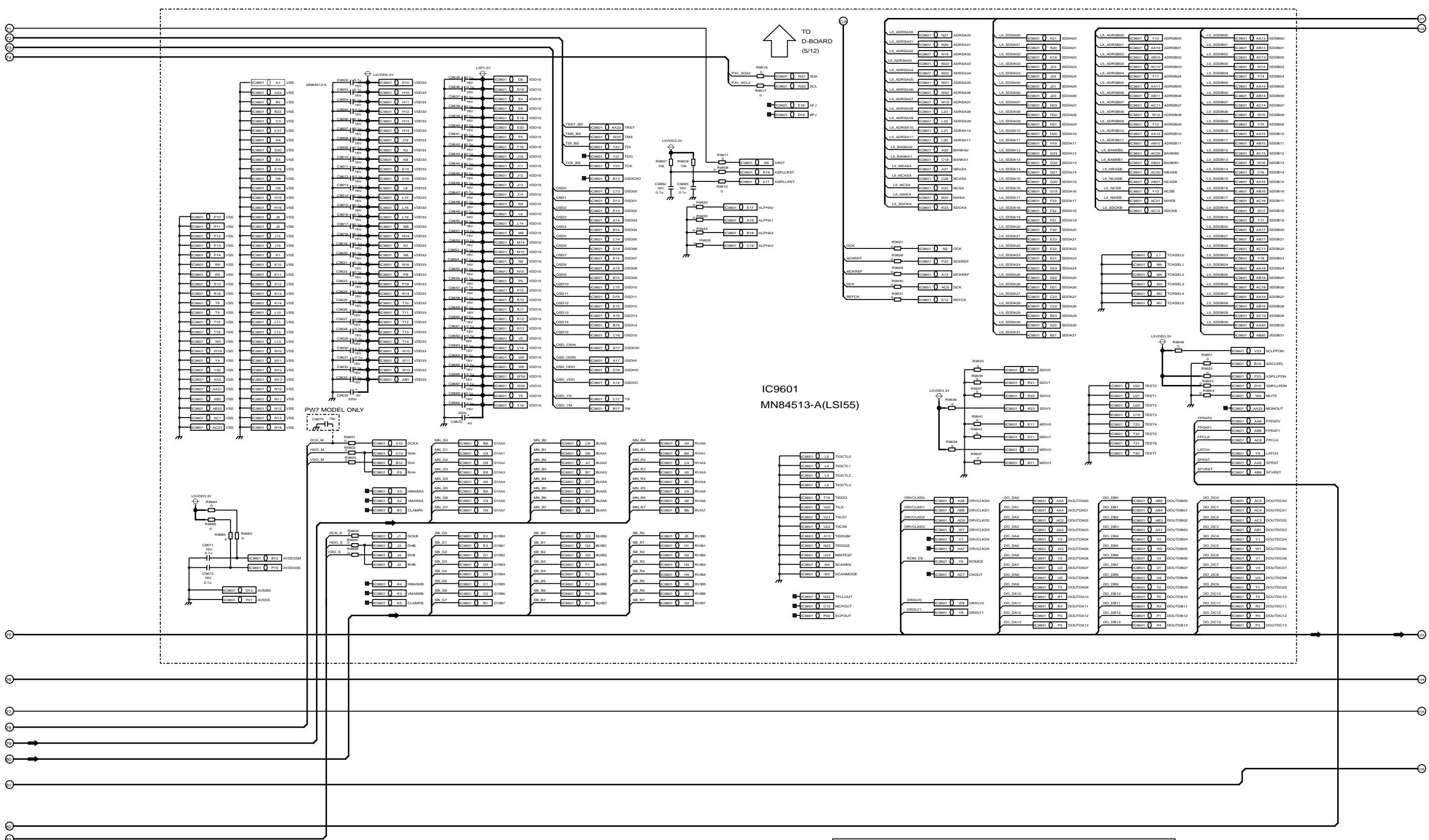
15.38. D-Board (10 of 12) Schematic Diagram



TH-37/42PW7 series
TH-37/42PWD7 series
D-Board (10 of 12) Schematic Diagram

TH-37/42PW7 series
TH-37/42PWD7 series
D-Board (10 of 12) Schematic Diagram

15.39. D-Board (11 of 12) Schematic Diagram

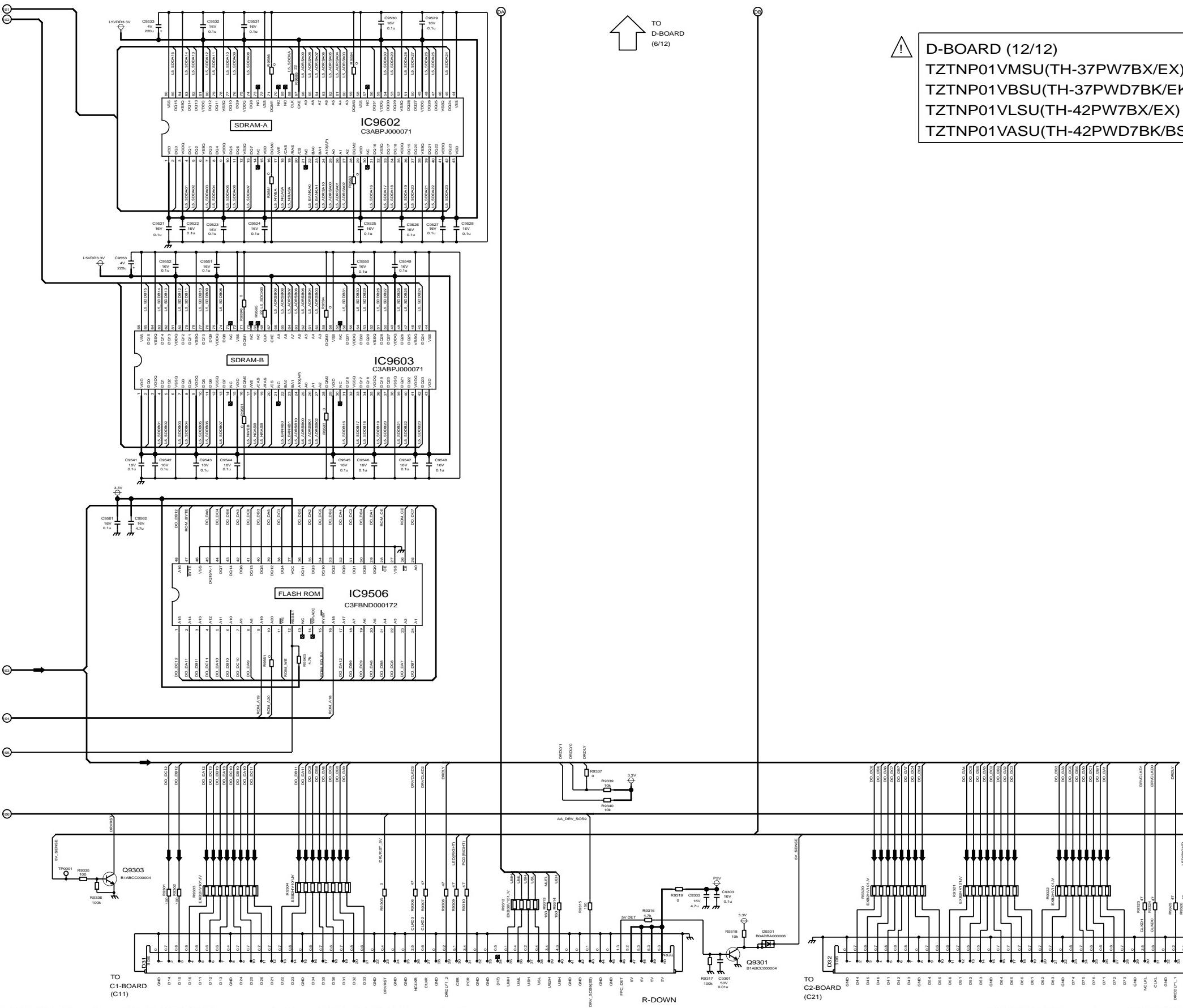


TH-37/42PW7 series
TH-37/42PWD7 series
D-Board (11 of 12) Schematic Diagram

TH-37/42PW7 series
TH-37/42PWD7 series
D-Board (11 of 12) Schematic Diagram

D-BOARD (11/12)
TZTNP01VMSU(TH-37PW7BX/EX)
TZTNP01VBSU(TH-37PWD7BK/EK/UY)
TZTNP01VLSU(TH-42PW7BX/EX)
TZTNP01VASU(TH-42PWD7BK/BS/EK/ES/UY)

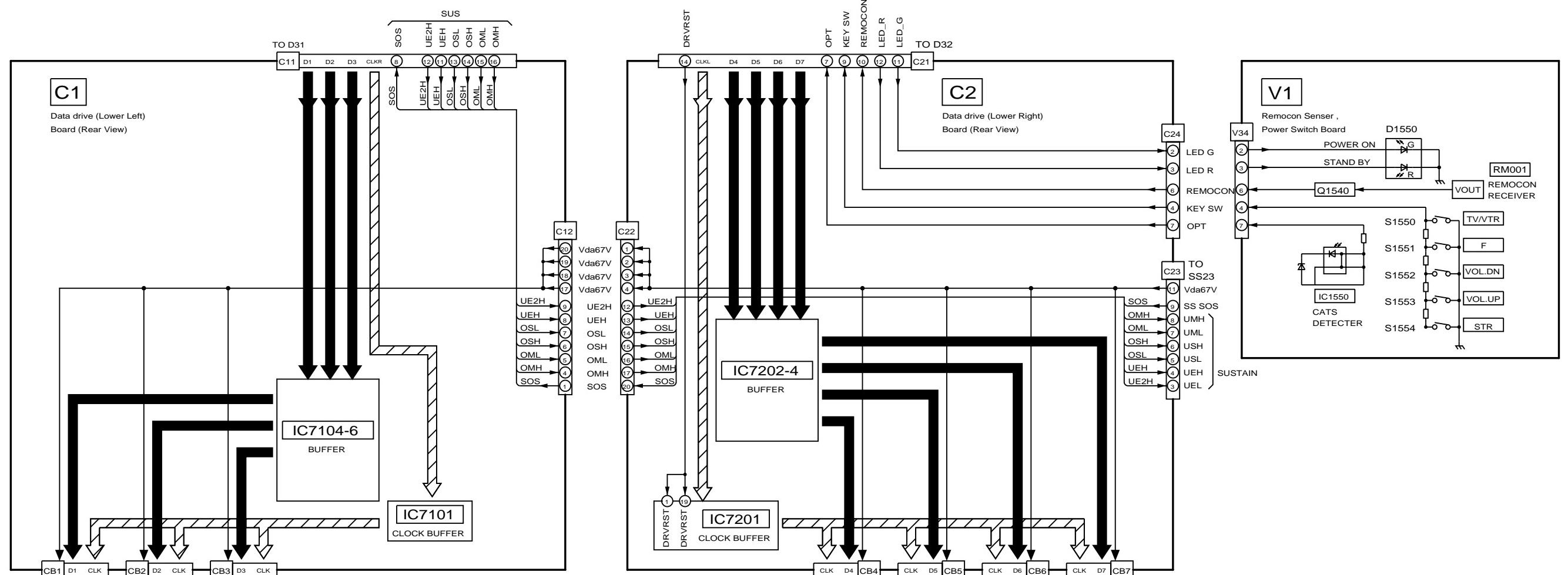
15.40. D-Board (12 of 12) Schematic Diagram



TH-37/42PW7 series TH-37/42PWD7 series D-Board (12 of 12) Schematic Diagram

TH-37/42PW7 series TH-37/42PWD7 series D-Board (12 of 12) Schematic Diagram

15.41. C1, C2 and V1-Board Block Diagram

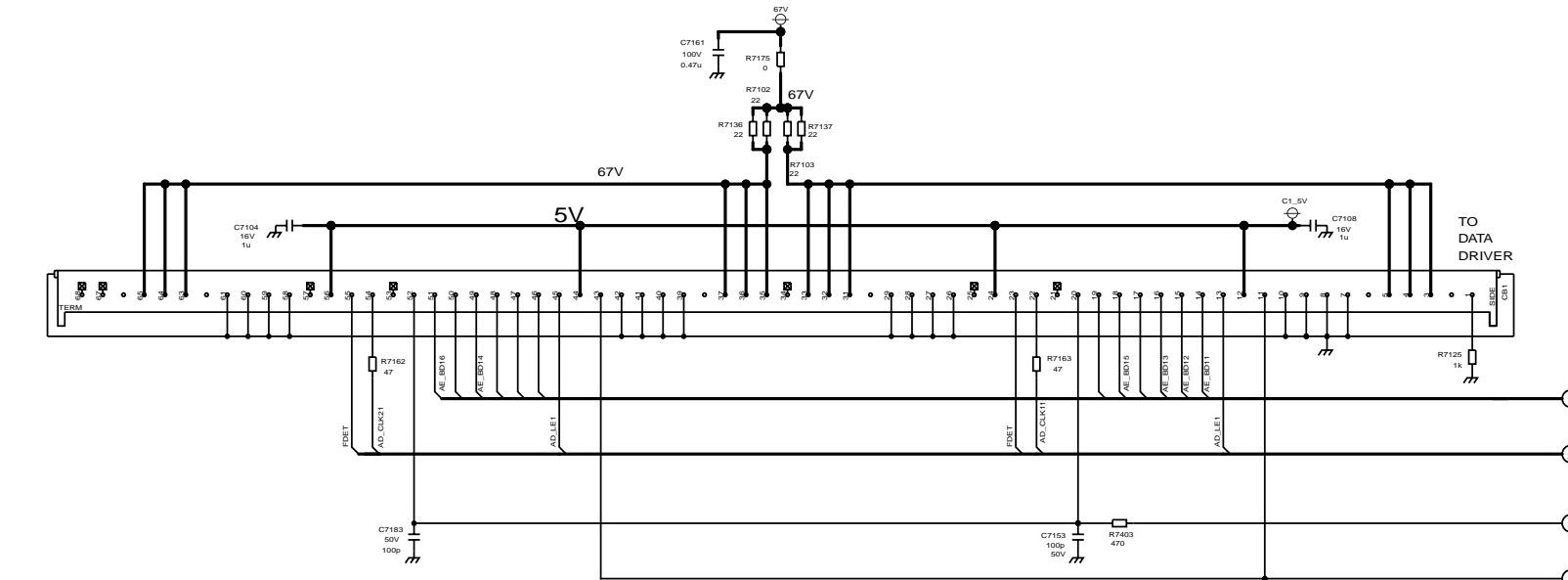


TH-37/42PW7 series
TH-37/42PWD7 series
C1, C2 and V1-Board Block Diagram

TH-37/42PWD7 series
C1, C2 and V1-Board Block Diagram

15.42. C1-Board (1 of 2) Schematic Diagram (TH-37PW7/PWD7 series)

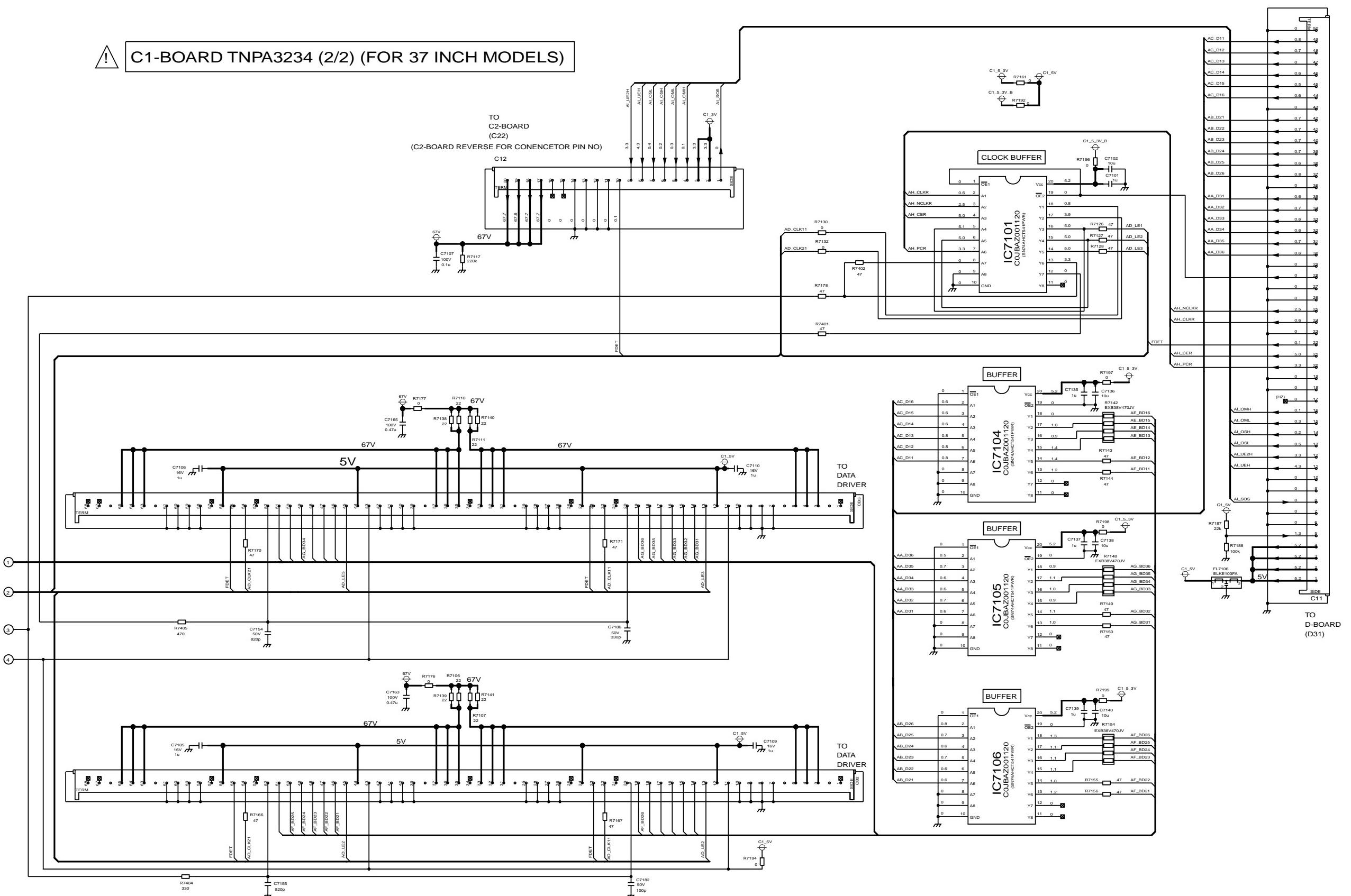
! C1-BOARD TNPA3234 (1/2) (FOR 37 INCH MODELS)



TH-37PW7/PWD7 series C1-Board (1 of 2) Schematic Diagram

TH-37PW7/PWD7 series
C1-Board (1 of 2) Schematic Diagram

15.43. C1-Board (2 of 2) Schematic Diagram (TH-37PW7/PWD7 series)

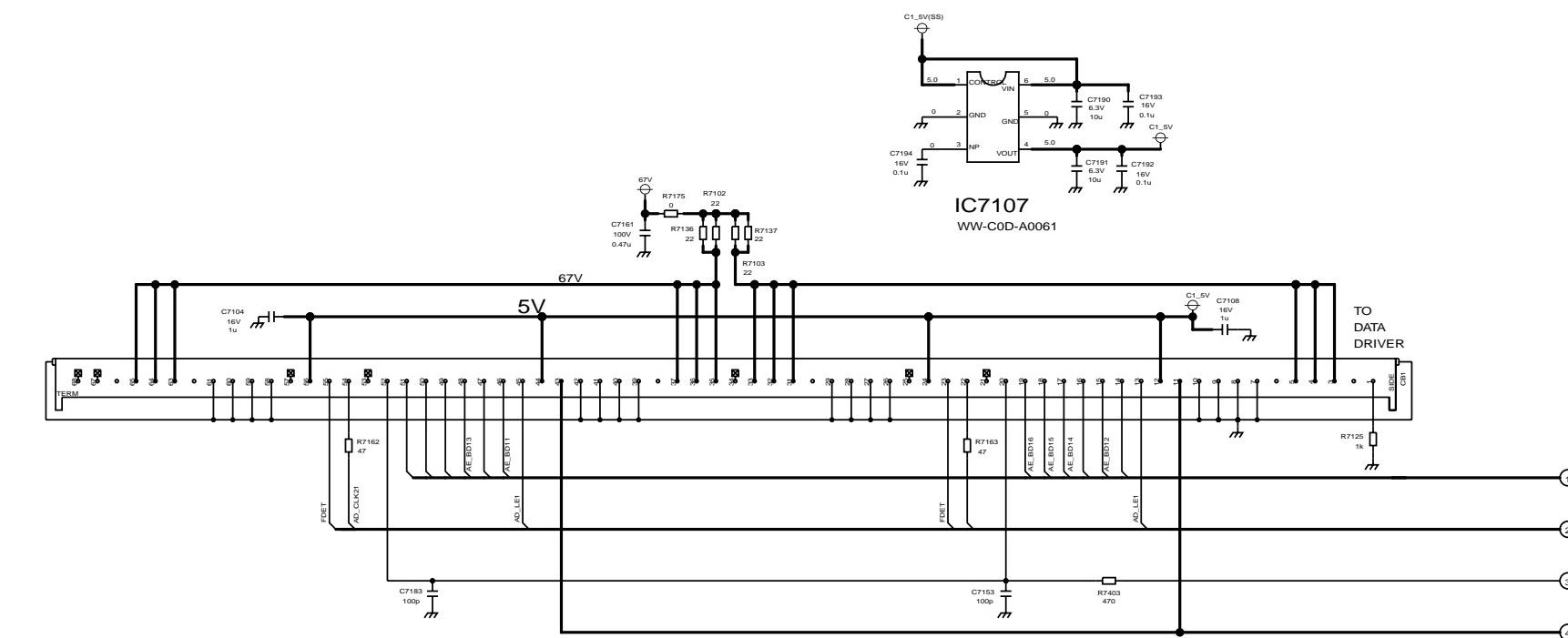


TH-37PW7/PWD7 series
C1-Board (2 of 2) Schematic Diagram

TH-37PW7/PWD7 series
C1-Board (2 of 2) Schematic Diagram

15.44. C1-Board (1 of 2) Schematic Diagram (TH-42PW7/PWD7 series)

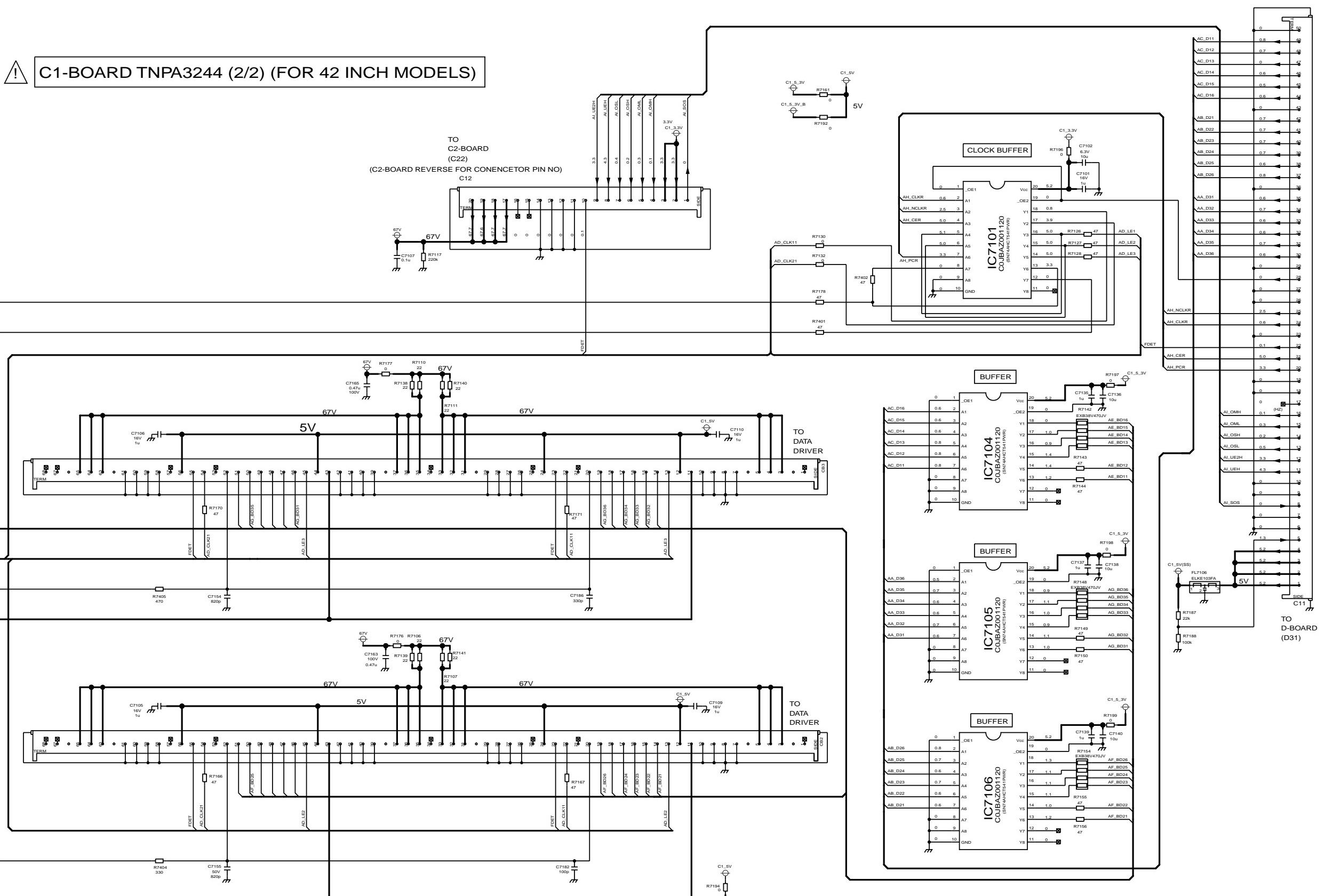
! C1-BOARD TNPA3244 (1/2) (FOR 42 INCH MODELS)



**TH-42PW7/PWD7 series
C1-Board (1 of 2) Schematic Diagram**

TH-42PW7/PWD7 series
C1-Board (1 of 2) Schematic Diagram

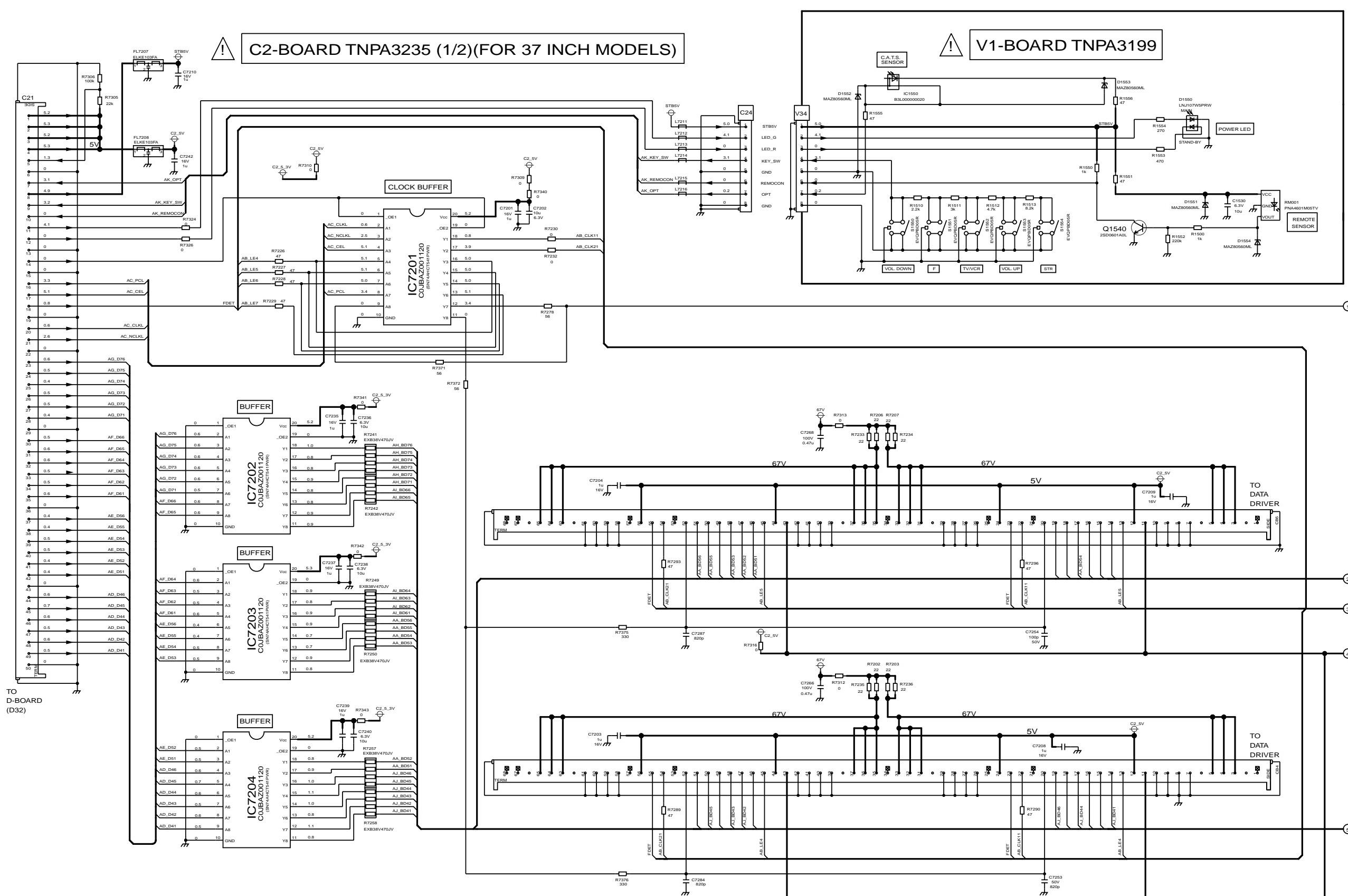
15.45. C1-Board (2 of 2) Schematic Diagram (TH-42PW7/PWD7 series)



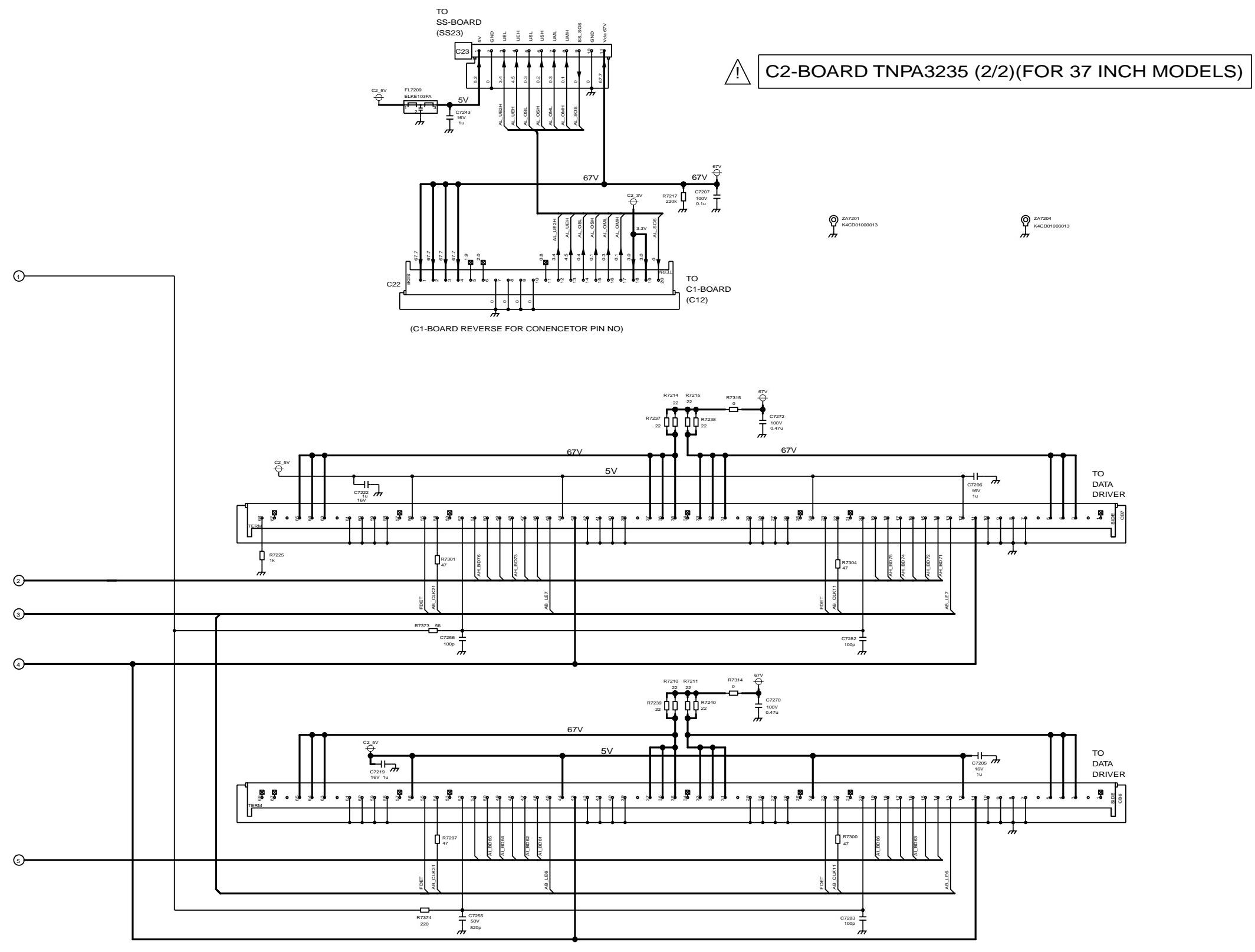
TH-42PW7/PWD7 series
C1-Board (2 of 2) Schematic Diagram

TH-42PW7/PWD7 series
C1-Board (2 of 2) Schematic Diagram

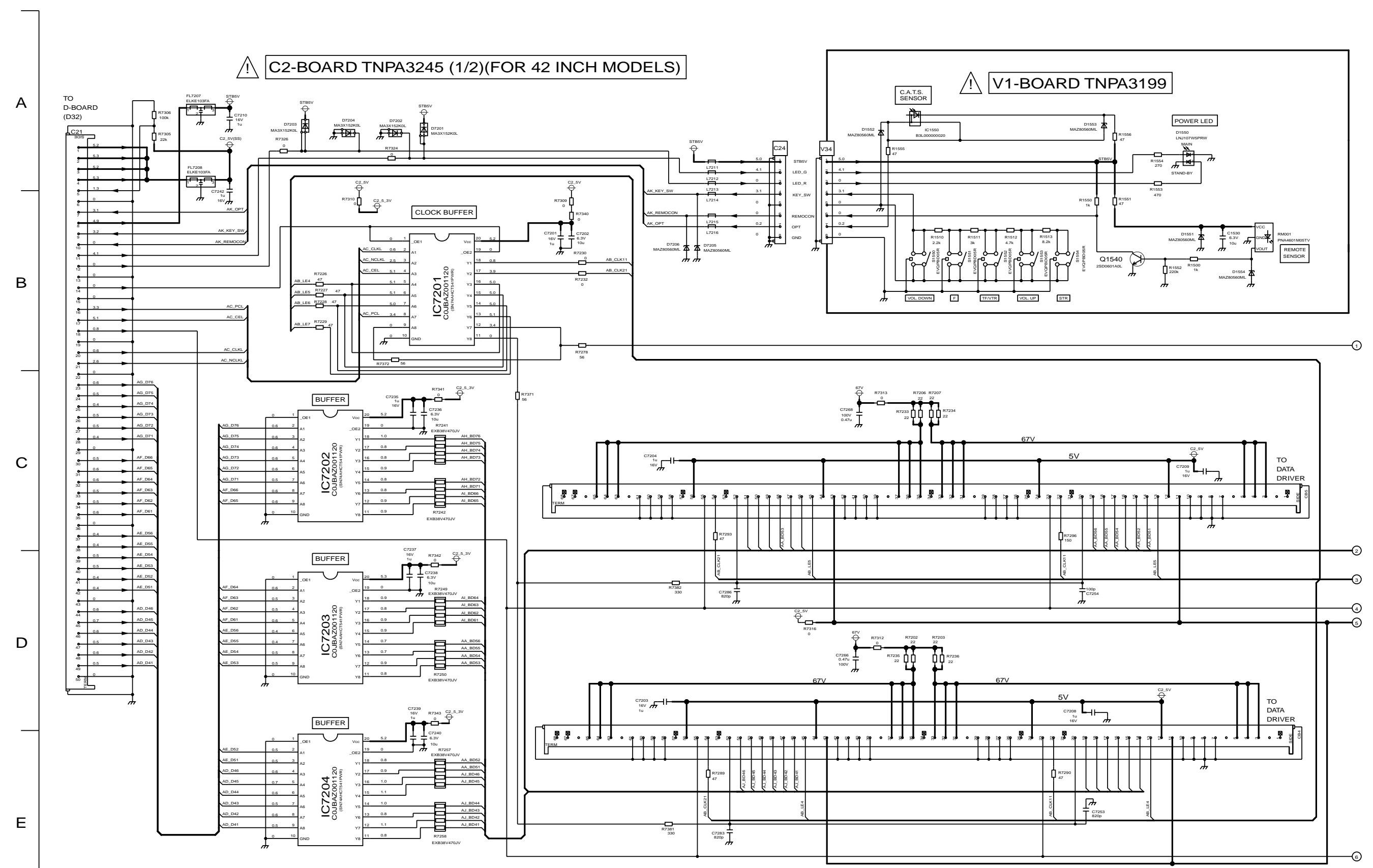
15.46. C2-Board (1 of 2) and V1-Board Schematic Diagram (TH-37PW7/PWD7 series)



15.47. C2-Board (2 of 2) Schematic Diagram (TH-37PW7/PWD7 series)



15.48. C2-Board (1 of 2) and V1-Board Schematic Diagram (TH-42PW7/PWD7 series)

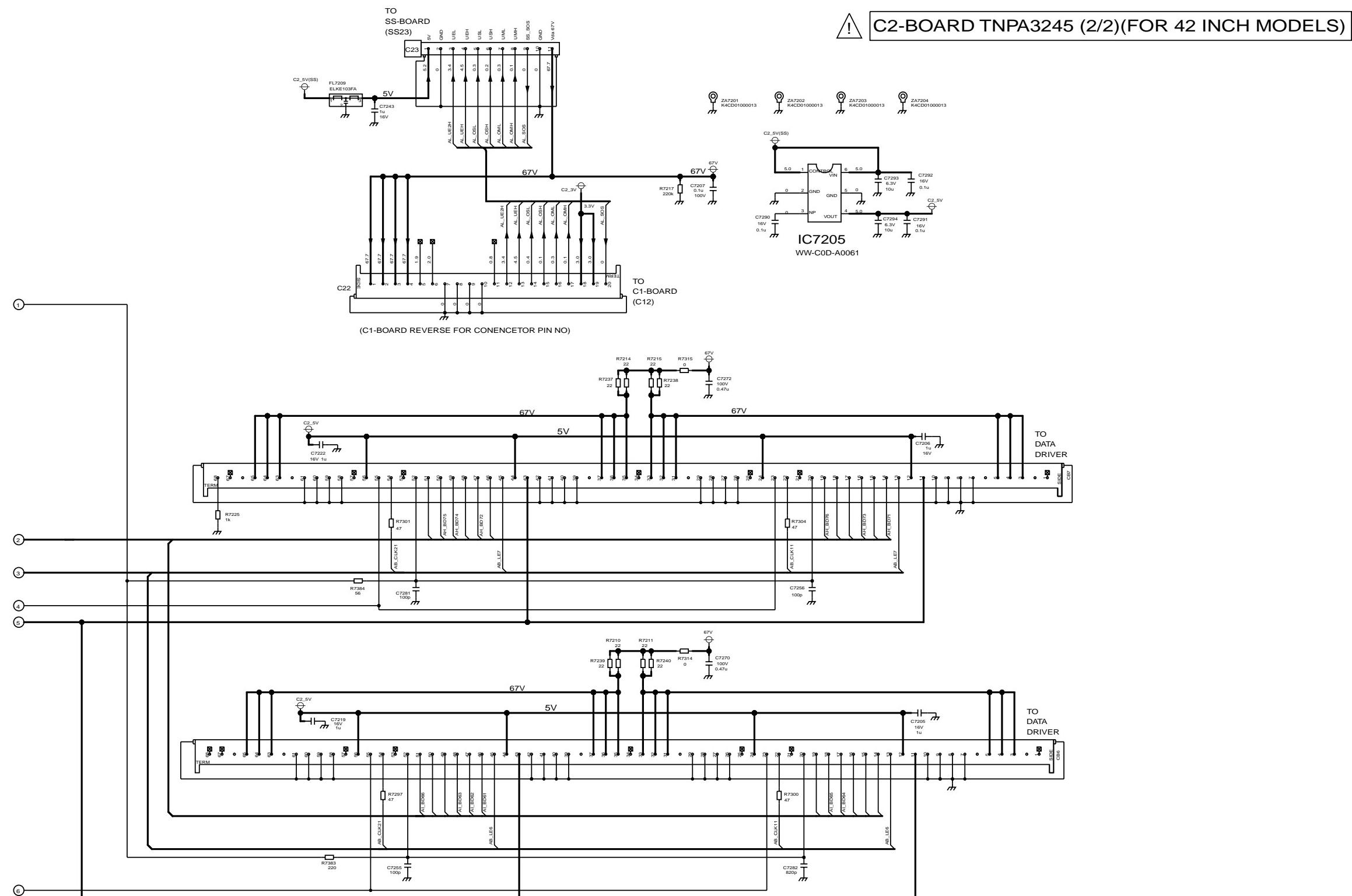


TH-42PW7/PWD7 series
C2-Board (1 of 2) and V1-Board Schematic Diagram

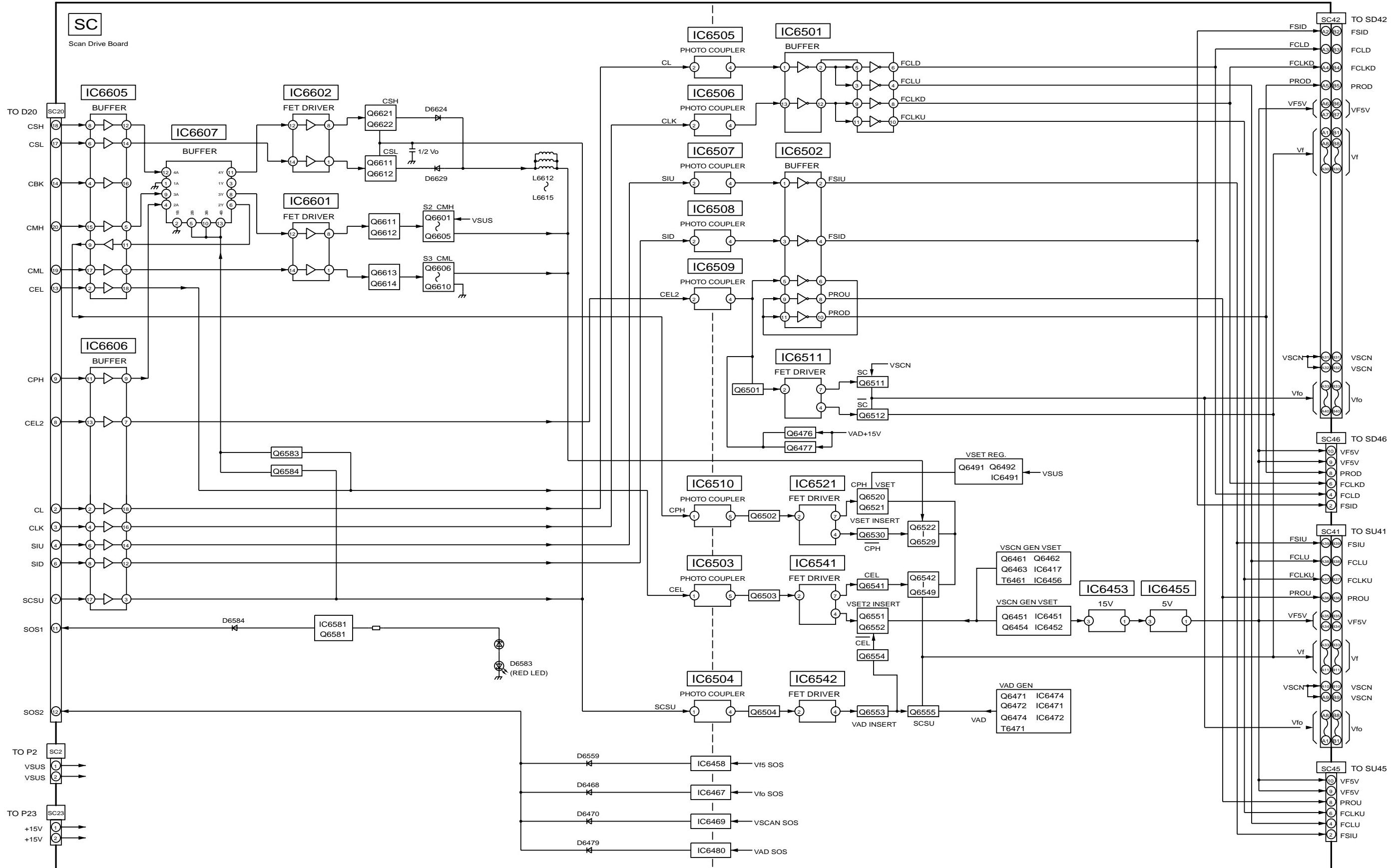
TH-42PW7/PWD7 series
C2-Board (1 of 2) and V1-Board Schematic Diagram

1 2 3 4 5 6 7 8

15.49. C2-Board (2 of 2) Schematic Diagram (TH-42PW7/PWD7 series)



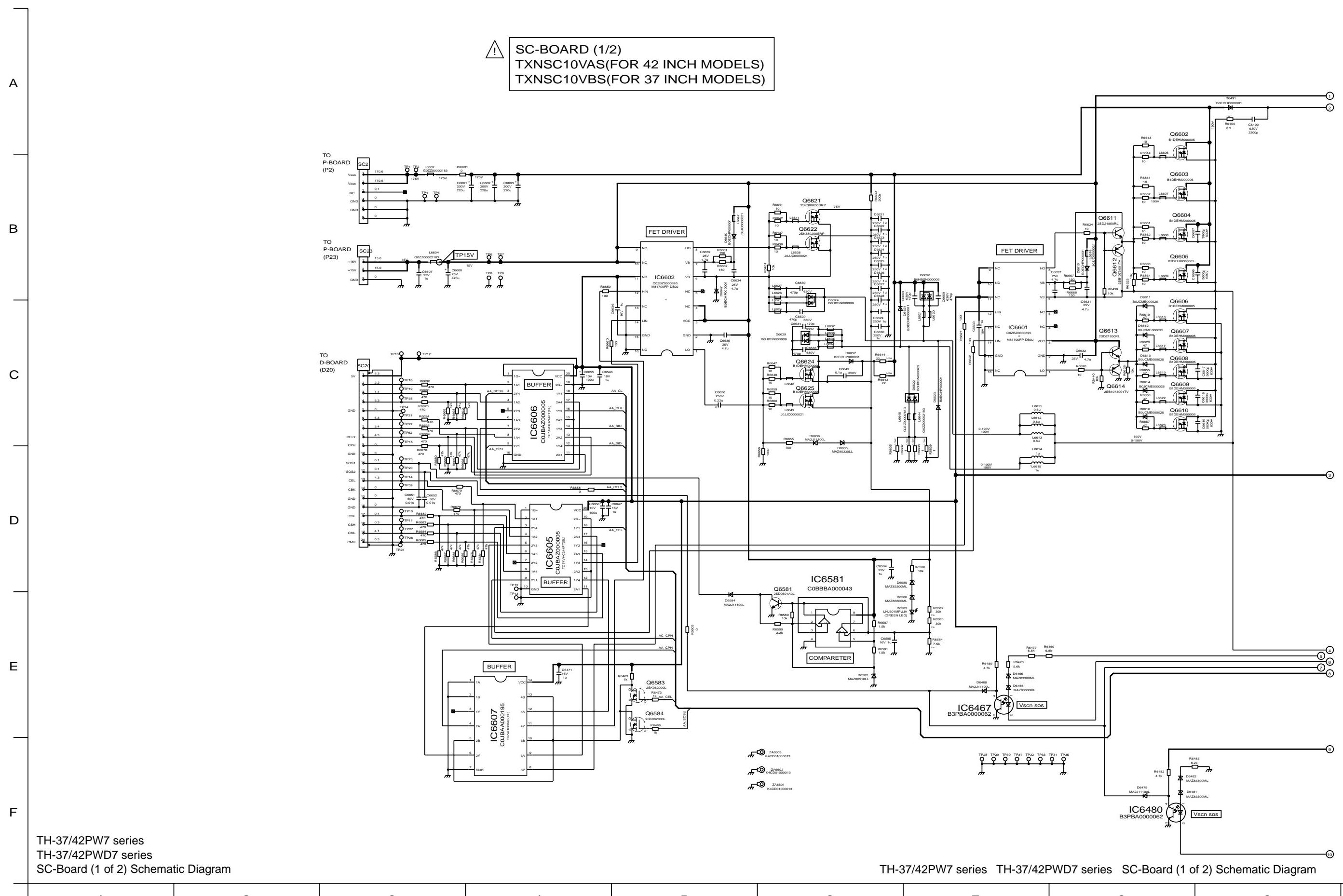
15.50. SC-Board Block Diagram



TH-37/42PW7 series
TH-37/42PWD7 series
SC-Board Block Diagram

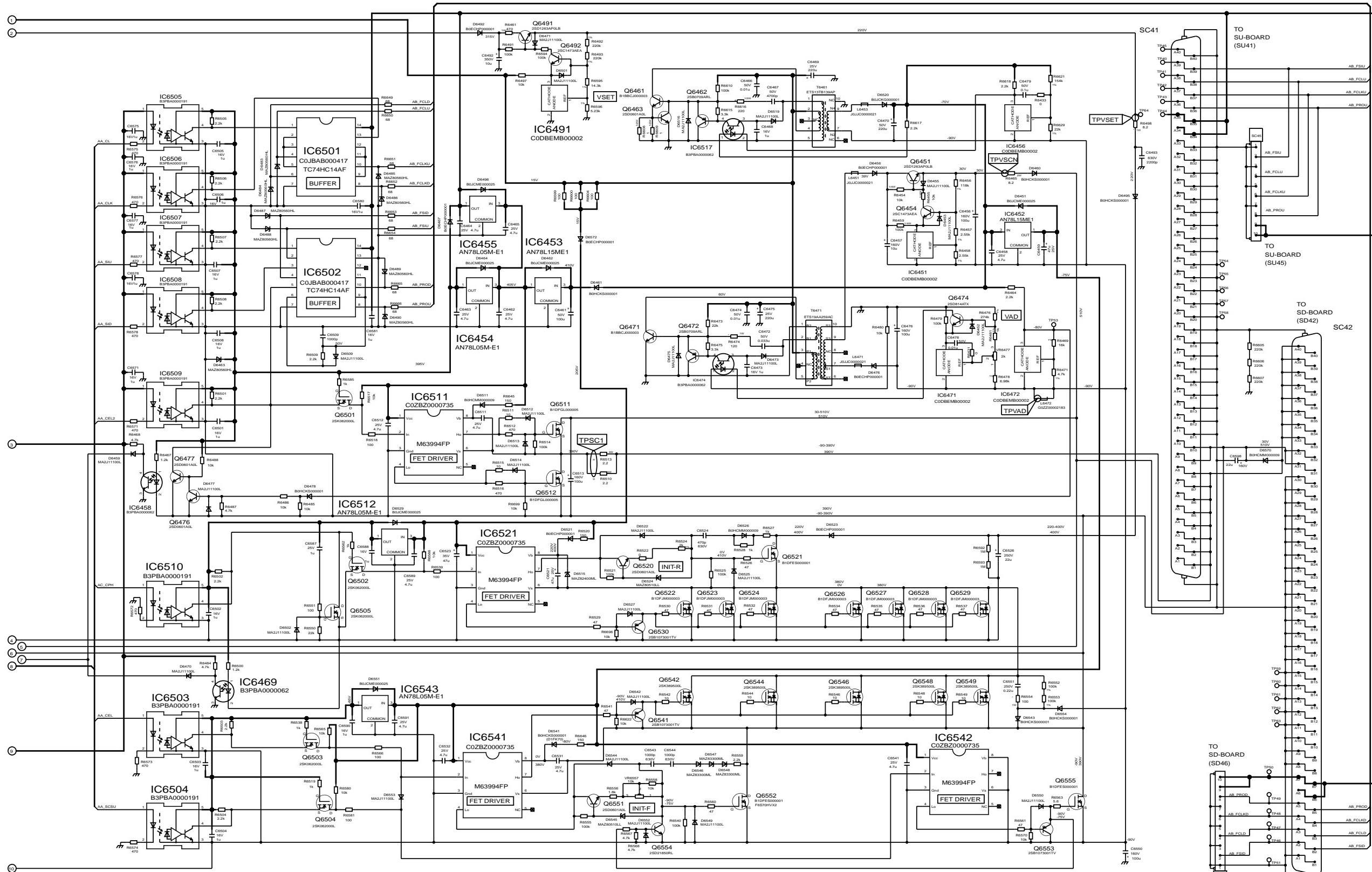
TH-37/42PW7 series
TH-37/42PWD7 series
SC-Board Block Diagram

15.51. SC-Board (1 of 2) Schematic Diagram



15.52. SC-Board (2 of 2) Schematic Diagram

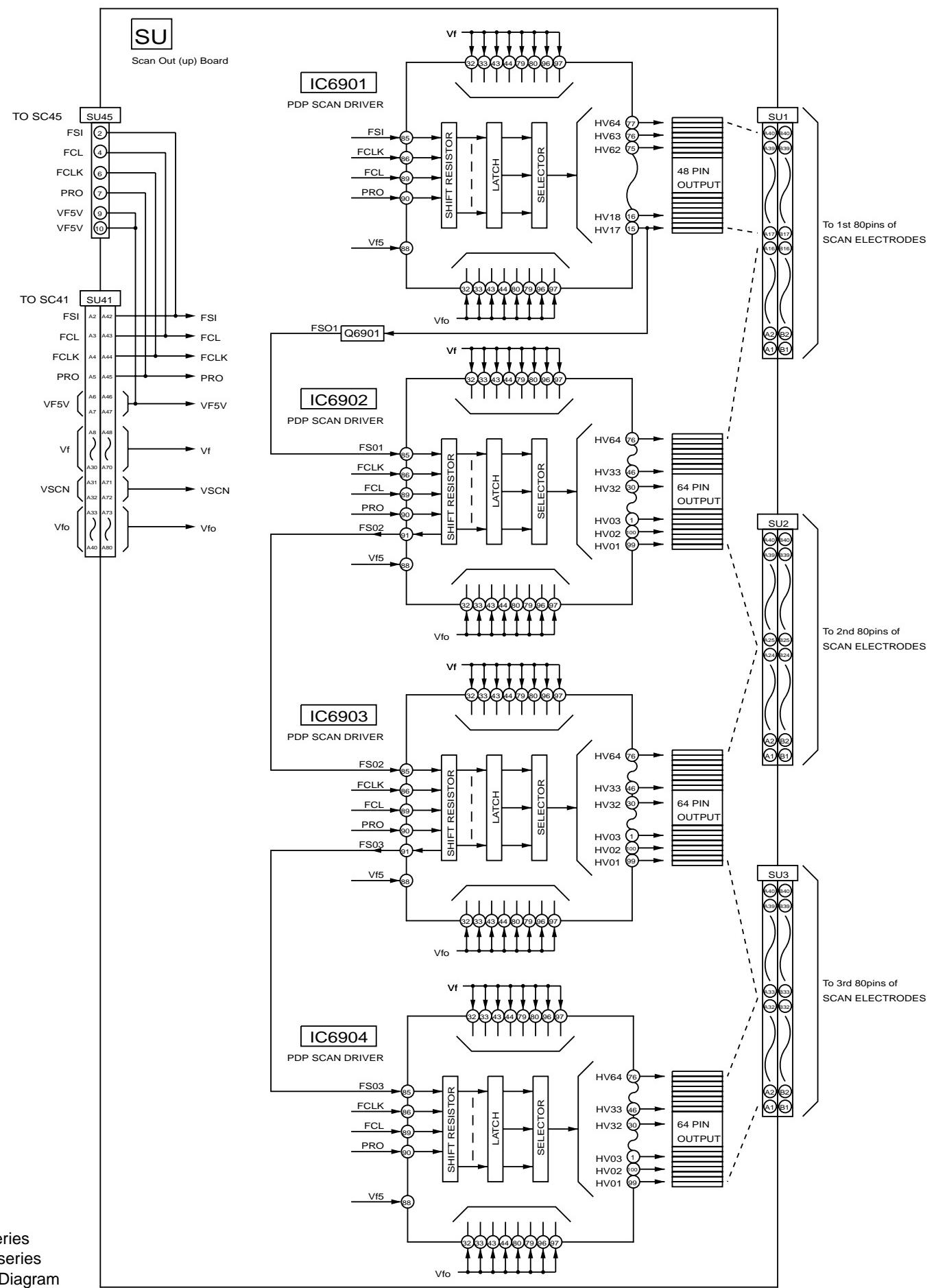
 SC-BOARD (2/2)
TXNSC10VAS(FOR 42 INCH MODELS)
TXNSC10VBS(FOR 37 INCH MODELS)



TH-37/42PW7 series TH-37/42PWD7 series SC-Board (2 of 2) Schematic Diagram

TH-37/42PW7 series TH-37/42PWD7 series SC-Board (2 of 2) Schematic Diagram

15.53. SU-Board Block Diagram



TH-37/42PW7 series
TH-37/42PWD7 series
SU-Board Block Diagram

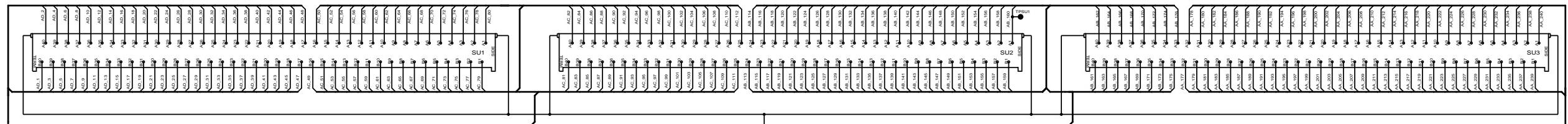
TH-37/42PW7 series
TH-37/42PWD7 series
SU-Board Block Diagram

15.54. SU-Board Schematic Diagram (TH-37PW7/PWD7 series)

A

 SU-BOARD TNPA3232(FOR 37 INCH MODELS)

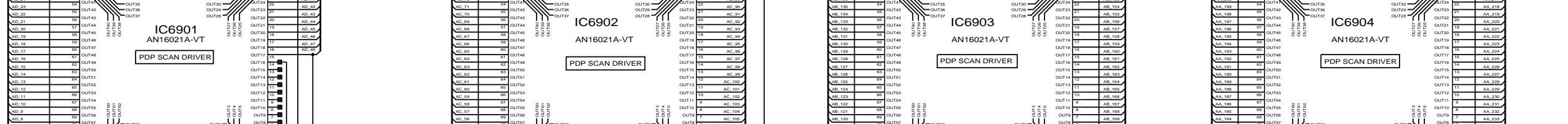
UP



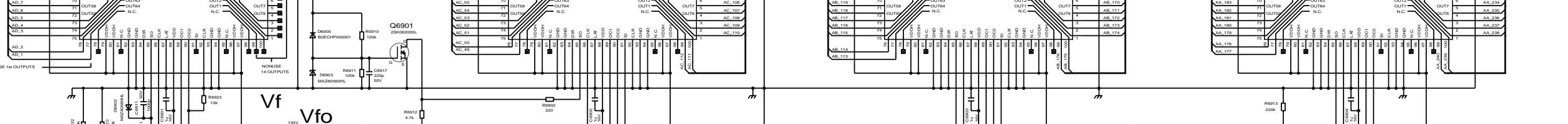
B



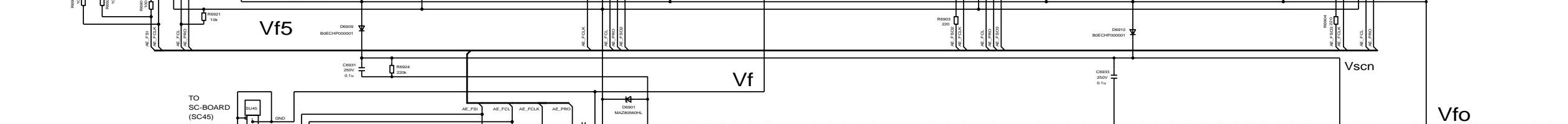
C



D



E

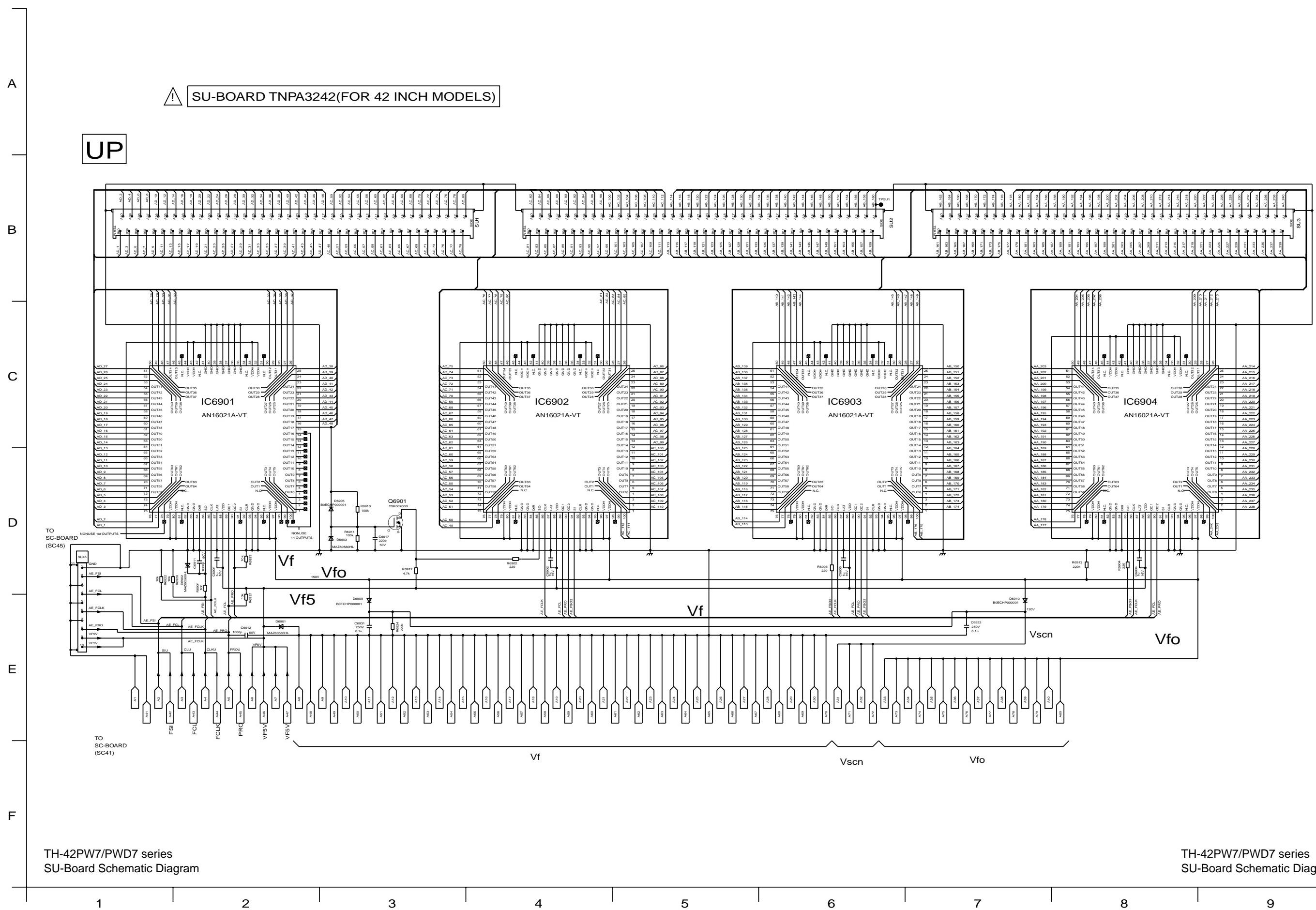


TH-37PW7/PWD7 series
SU-Board Schematic Diagram

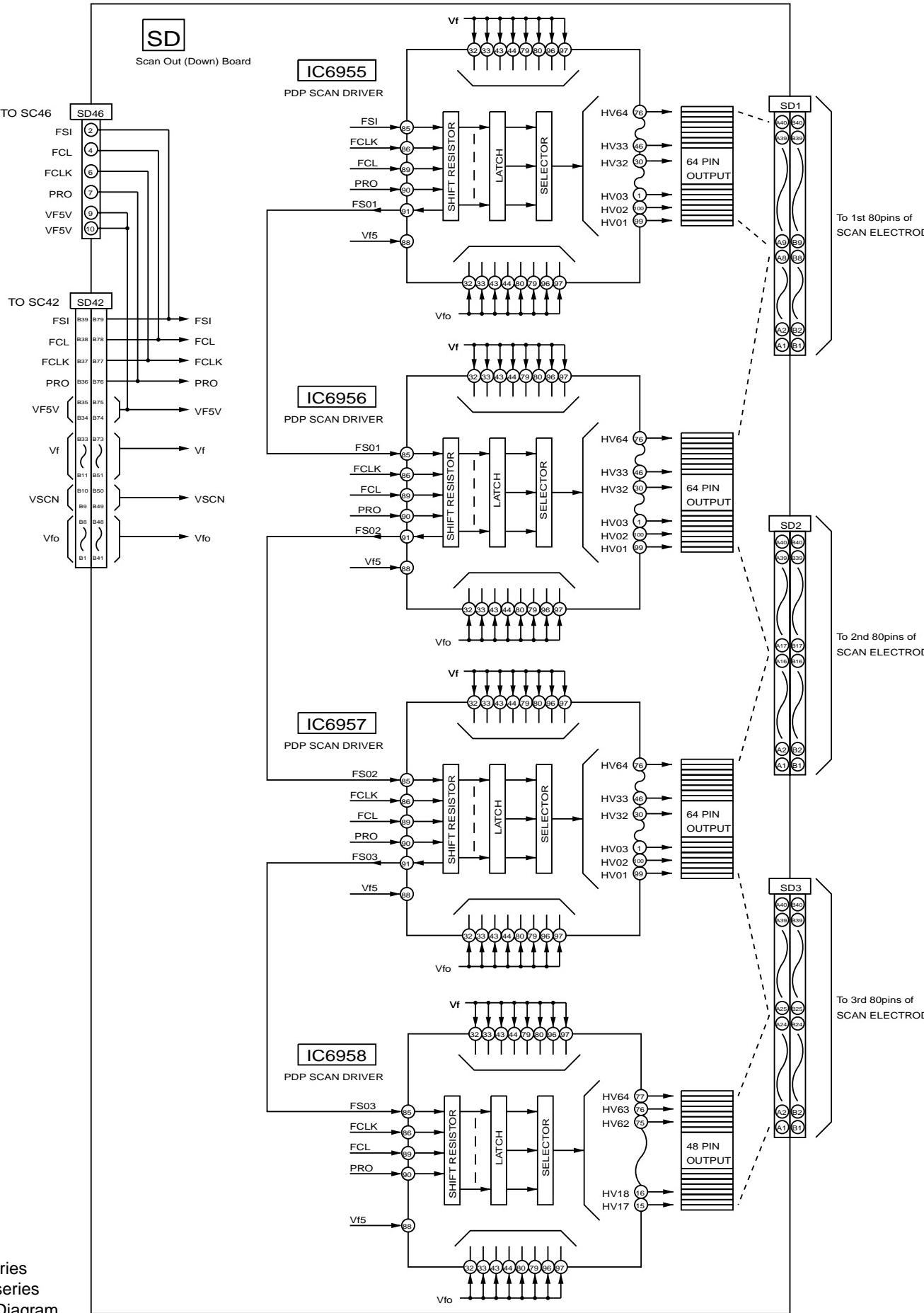
TH-37PW7/PWD7 series
SU-Board Schematic Diagram

1 2 3 4 5 6 7 8 9

15.55. SU-Board Schematic Diagram (TH-42PW7/PWD7 series)



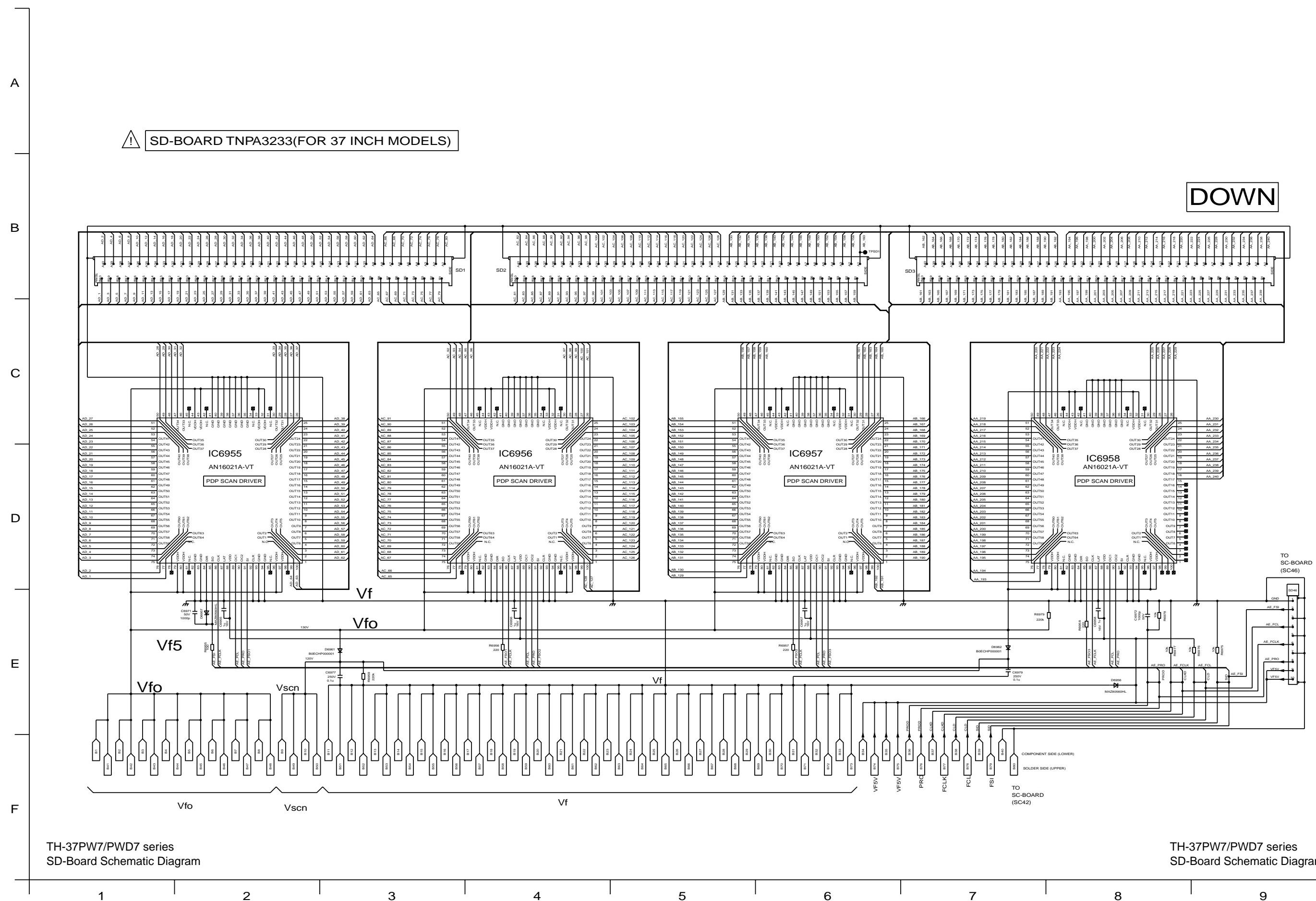
15.56. SD-Board Block Diagram



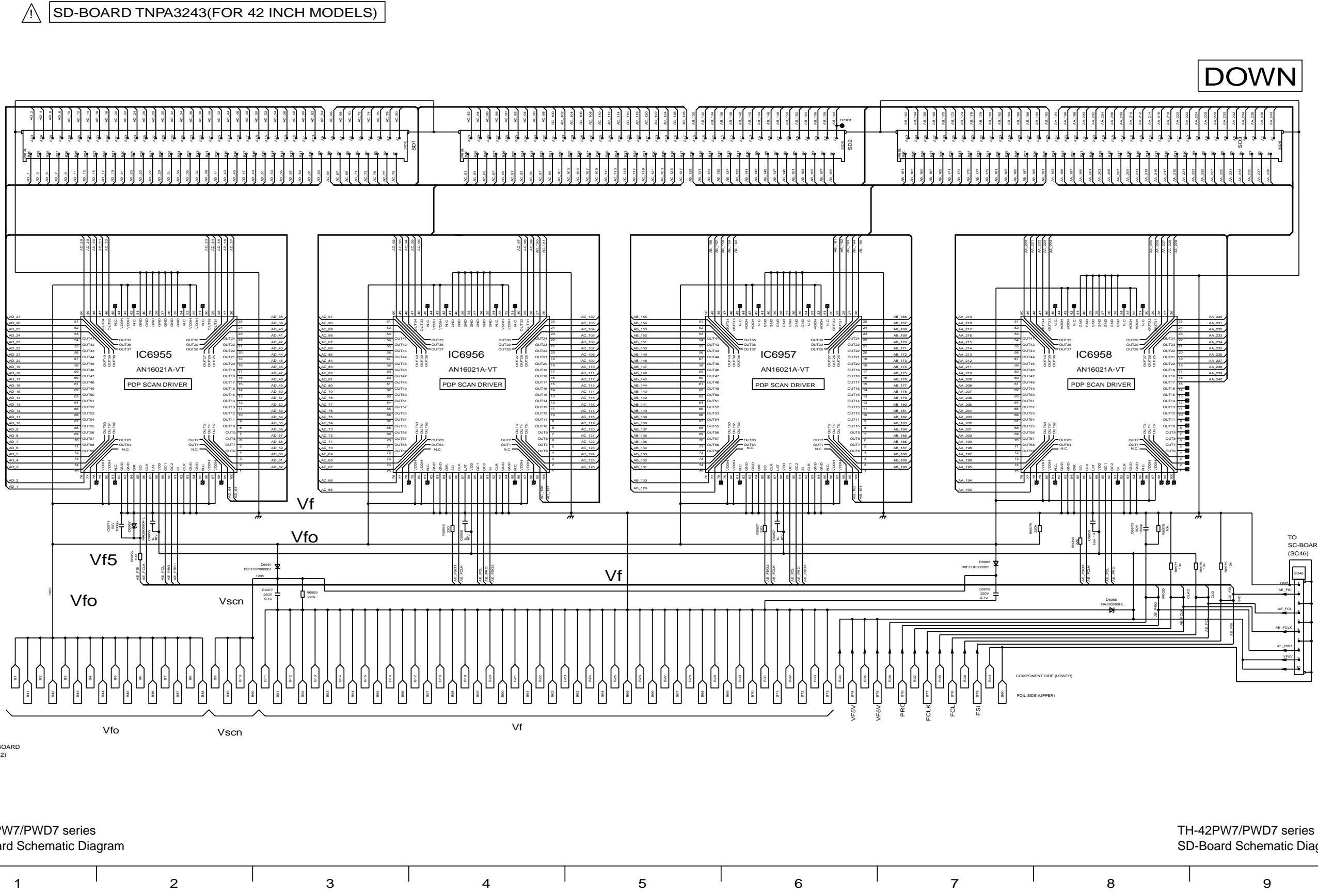
TH-37/42PW7 series
TH-37/42PWD7 series
SD-Board Block Diagram

TH-37/42PW7 series
TH-37/42PWD7 series
SD-Board Block Diagram

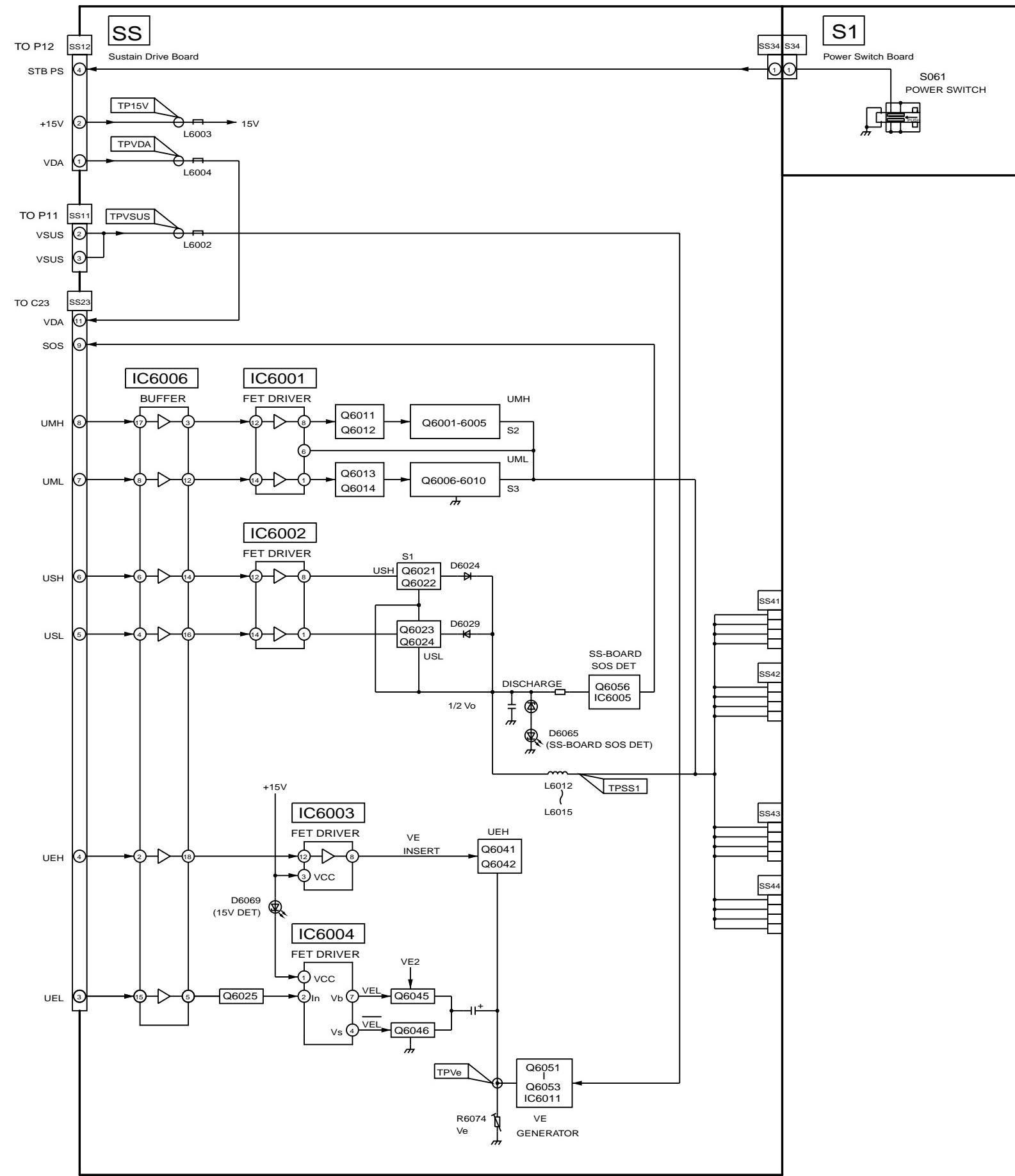
15.57. SD-Board Schematic Diagram (TH-37PW7/PWD7 series)



15.58. SD-Board Schematic Diagram (TH-42PW7/PWD7 series)



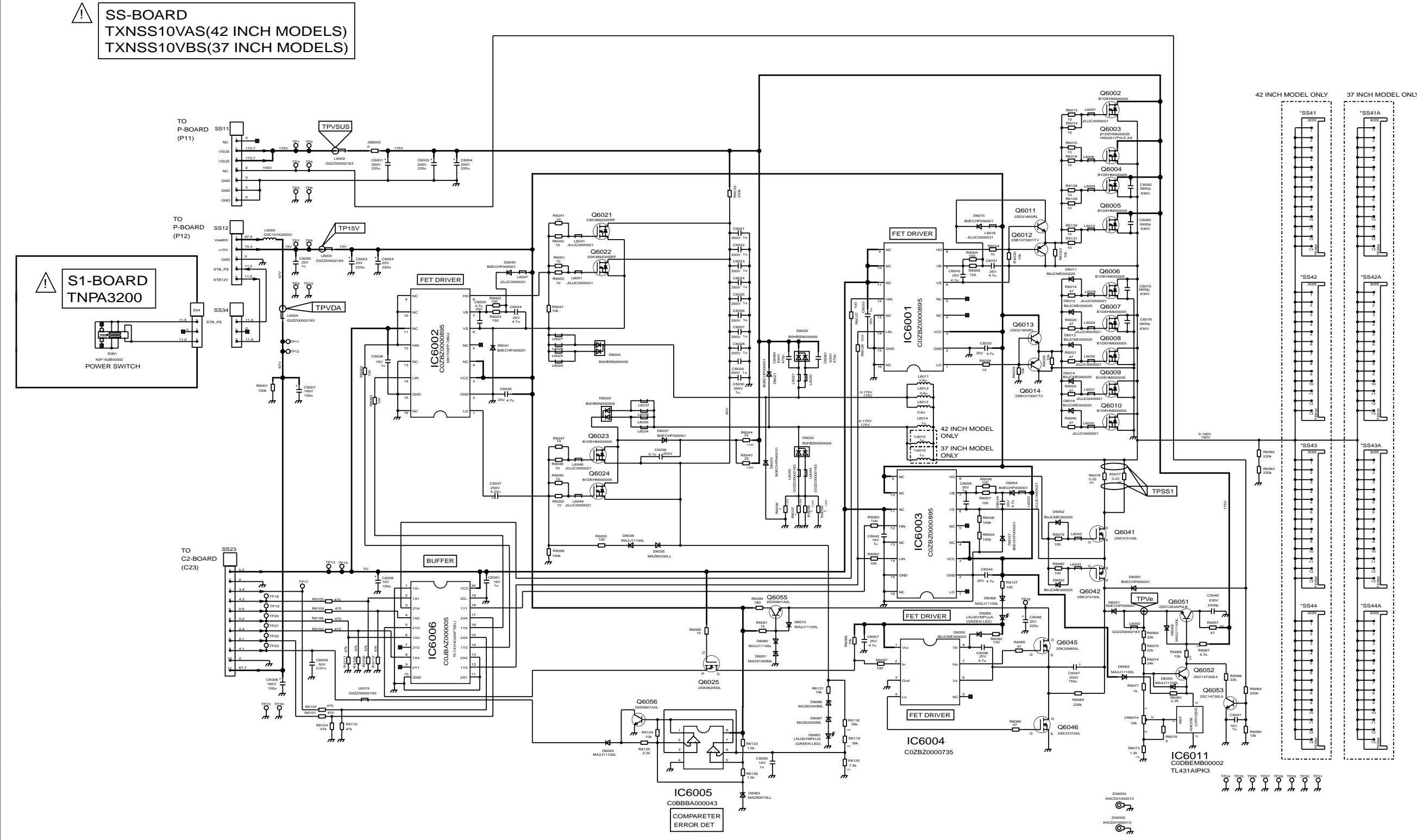
15.59. SS and S1-Board Block Diagram



TH-37/42PW7 series
TH-37/42PWD7 series
SS and S1-Board Block Diagram

TH-37/42PW7 series
TH-37/42PWD7 series
SS and S1-Board Block Diagram

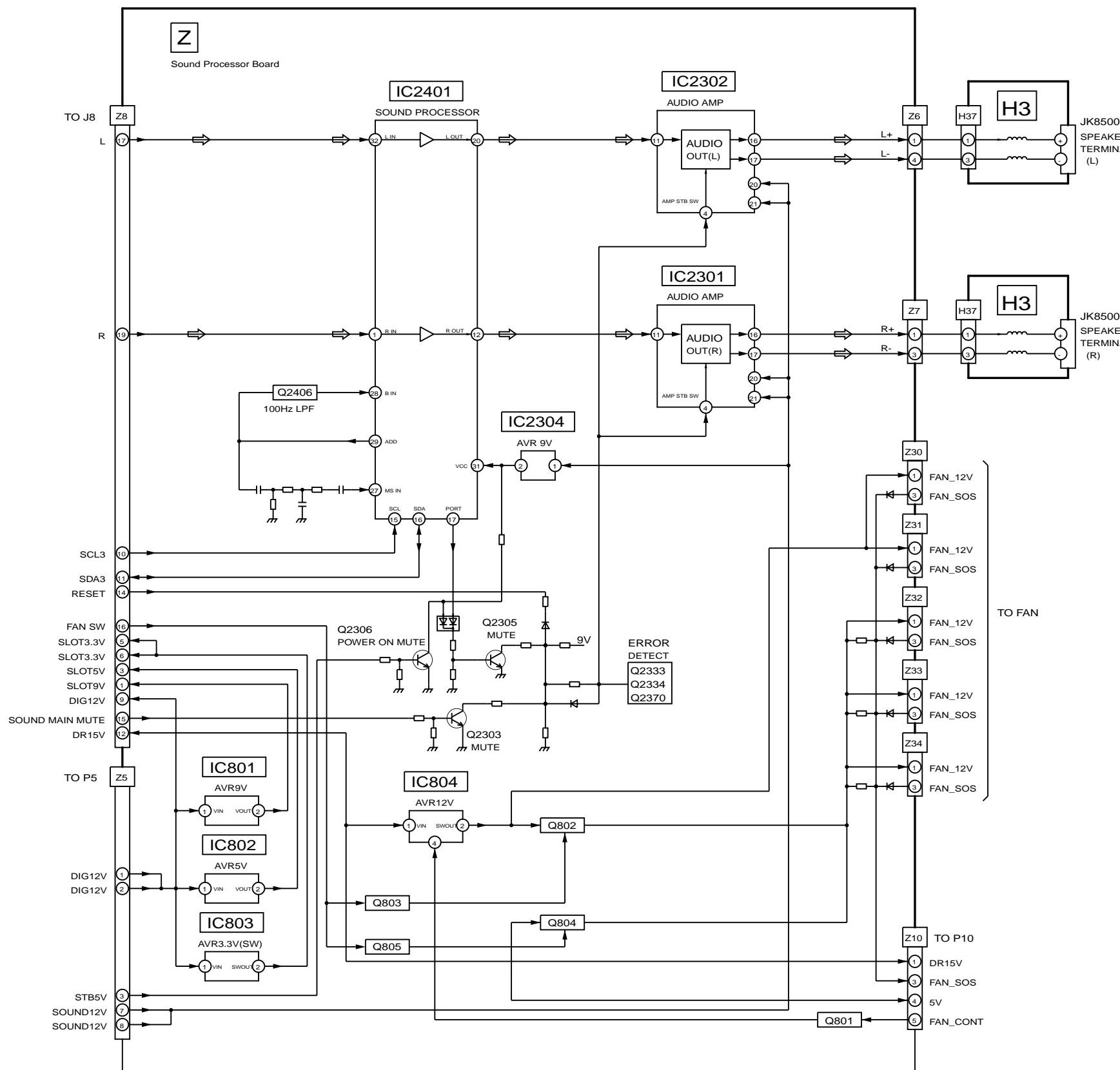
15.60. SS and S1-Board Schematic Diagram



TH-37/42PW7 series
TH-37/42PWD7 series
SS and S1-Board Schematic Diagram

TH-37/42PW7 series
TH-37/42PWD7 series
SS and S1-Board Schematic Diagram

15.61. Z and H3-Board Block Diagram



TH-37/42PW7 series
TH-37/42PWD7 series
Z and H3-Board Block Diagram

TH-37/42PW7 series
TH-37/42PWD7 series
Z and H3-Board Block Diagram

15.62. Z-Board (1 of 2) Schematic Diagram

Z-BOARD TNPA3198AB (1/2)

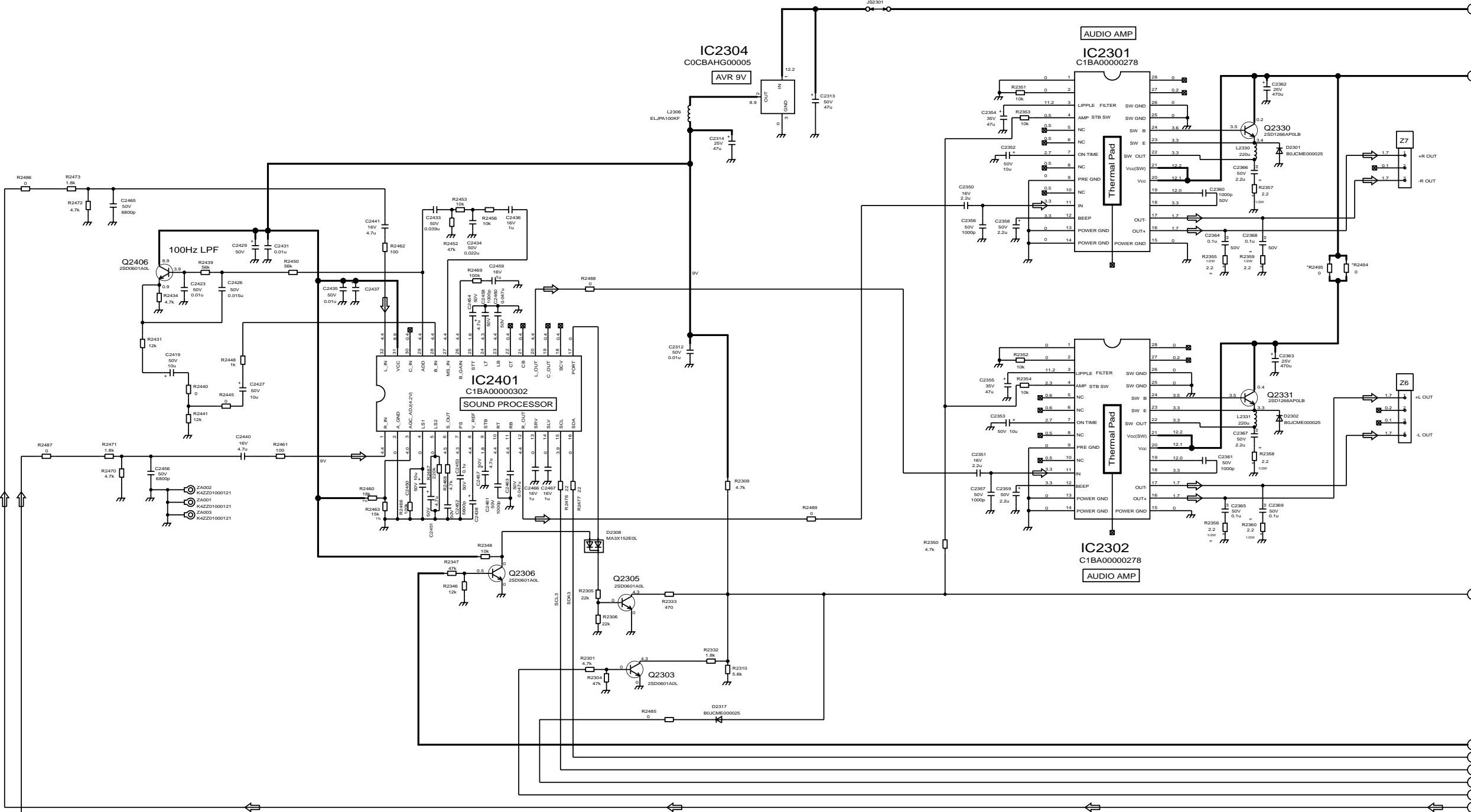
A

B

C

D

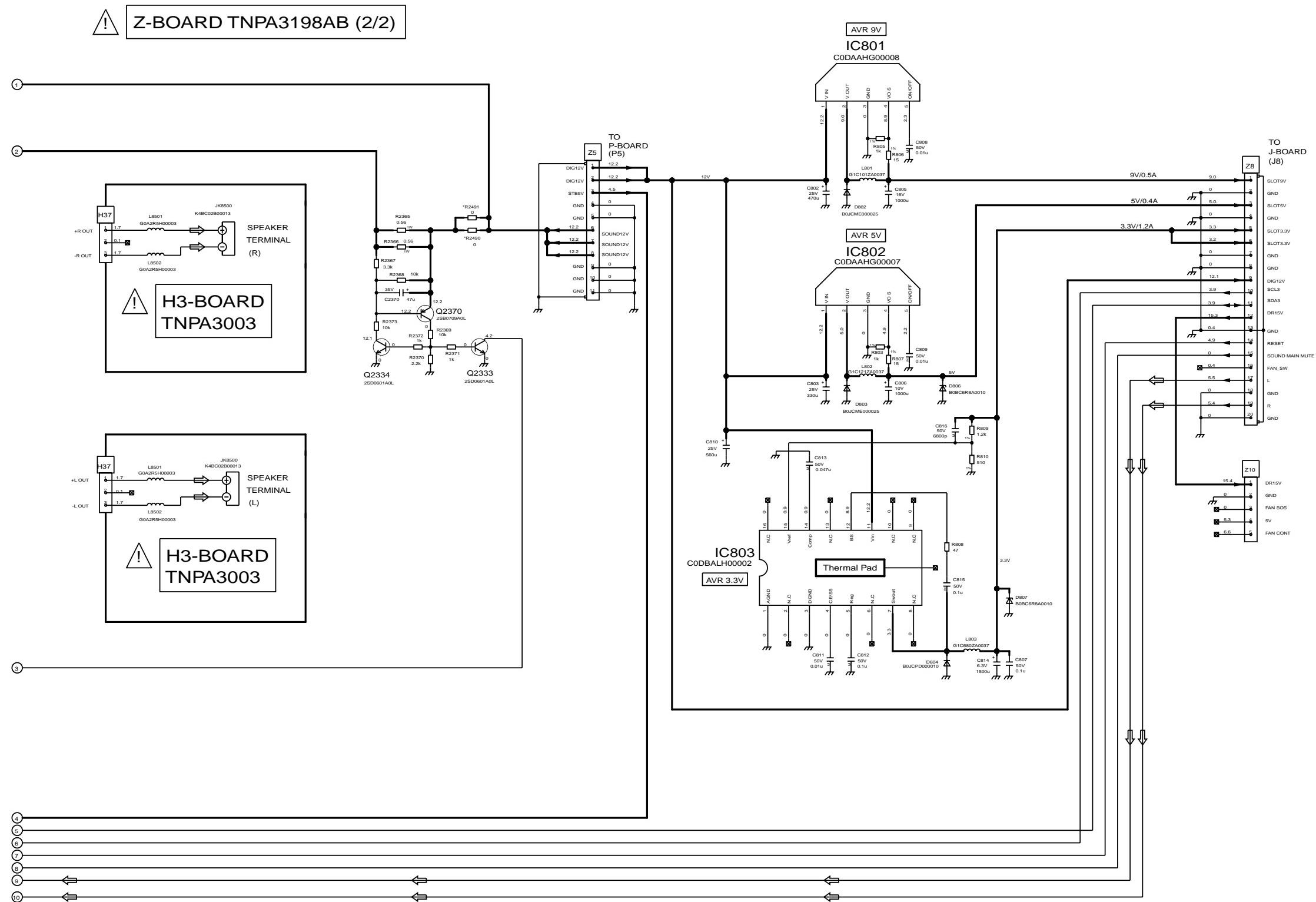
E



TH-37/42PW7 series
TH-37/42PWD7 series
Z-Board (1 of 2) Schematic Diagram

TH-37/42PW7 series
TH-37/42PWD7 series
Z-Board (1 of 2) Schematic Diagram

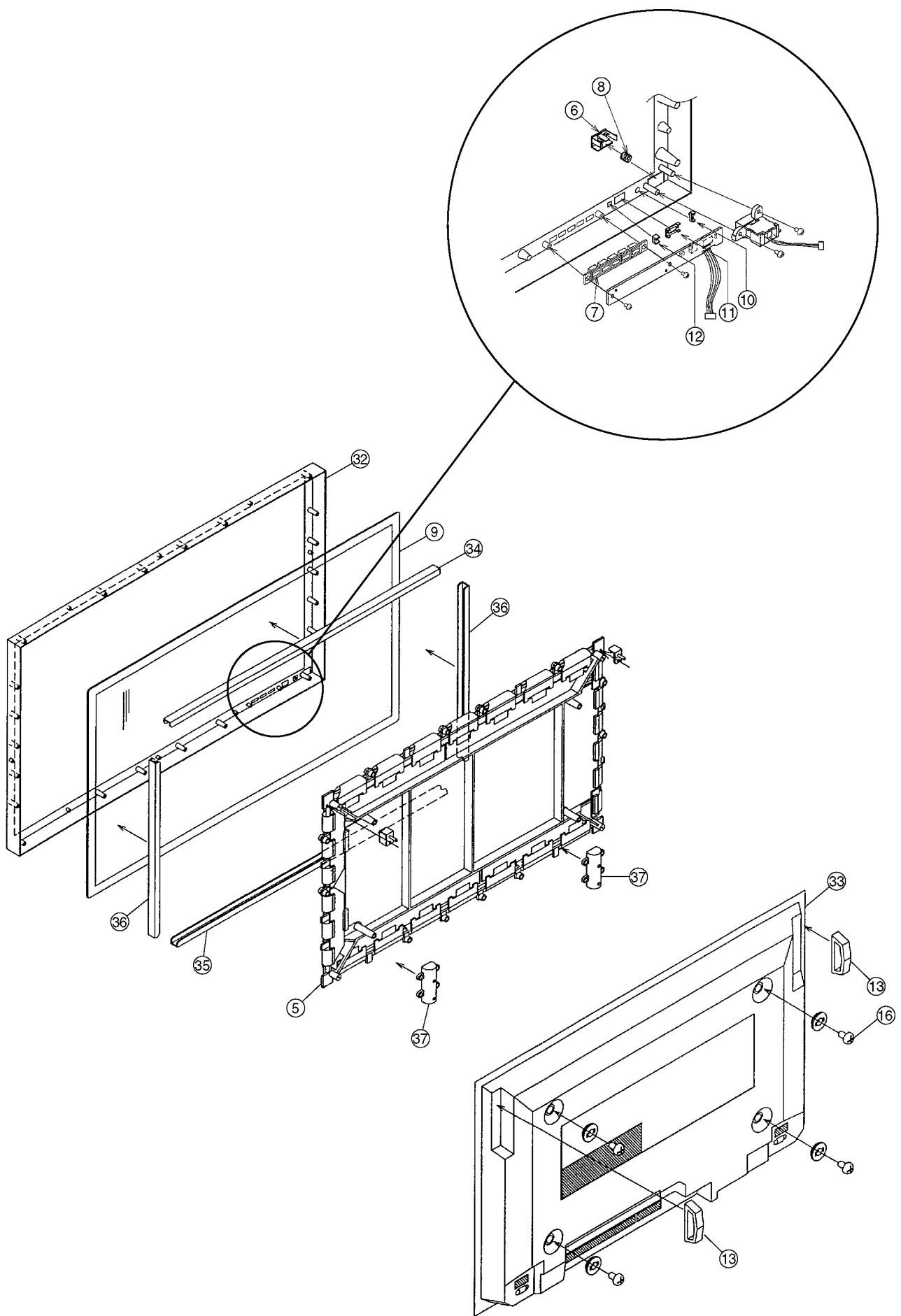
15.63. Z-Board (2 of 2) and H3-Board Schematic Diagram



**TH-37/42PW7 series
TH-37/42PWD7 series
Z-Board (2 of 2) and H3-Board Schematic Diagram**

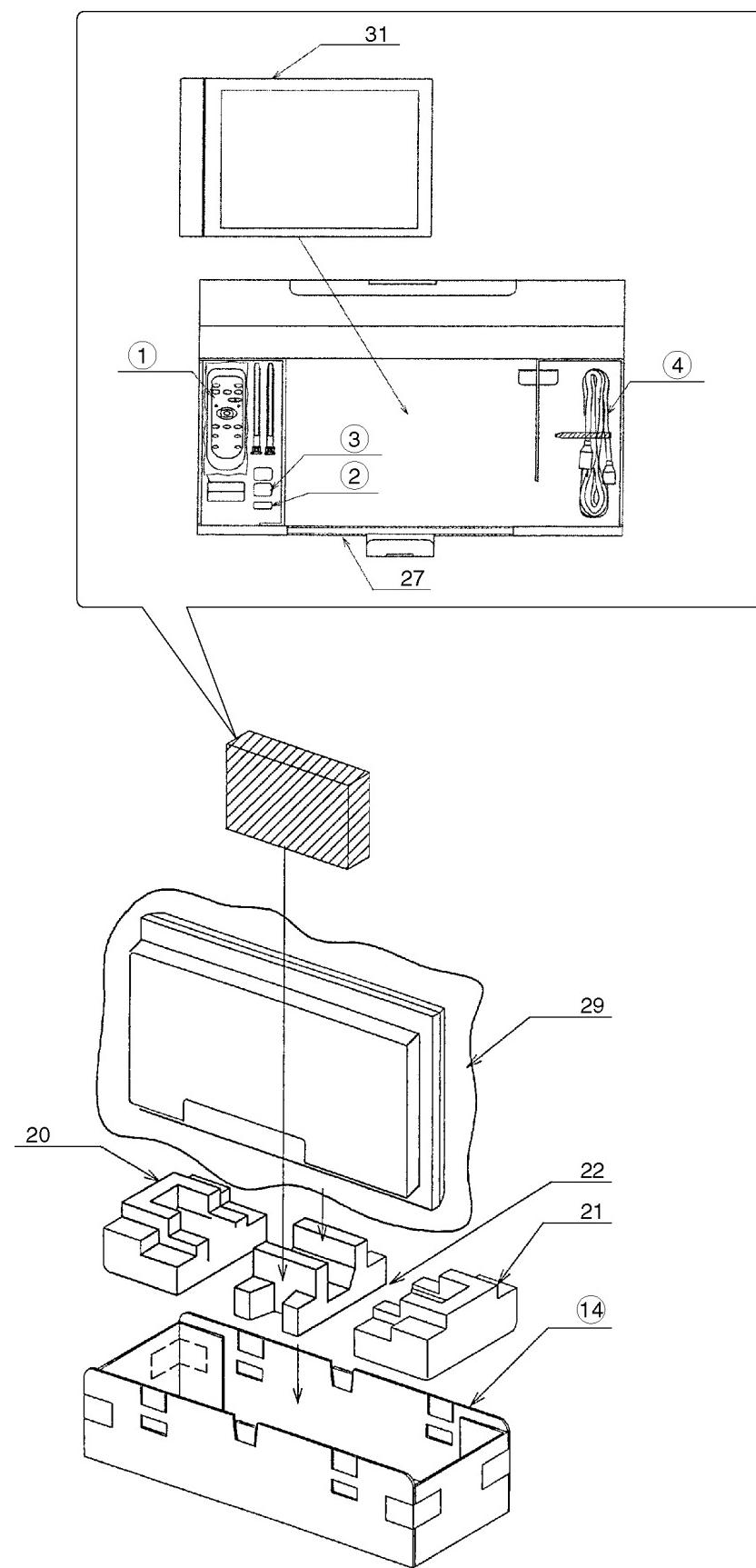
TH-37/42PW7 series
TH-37/42PWD7 series
Z-Board (2 of 2) and H3-Board Schematic Diagram

16 Parts Location

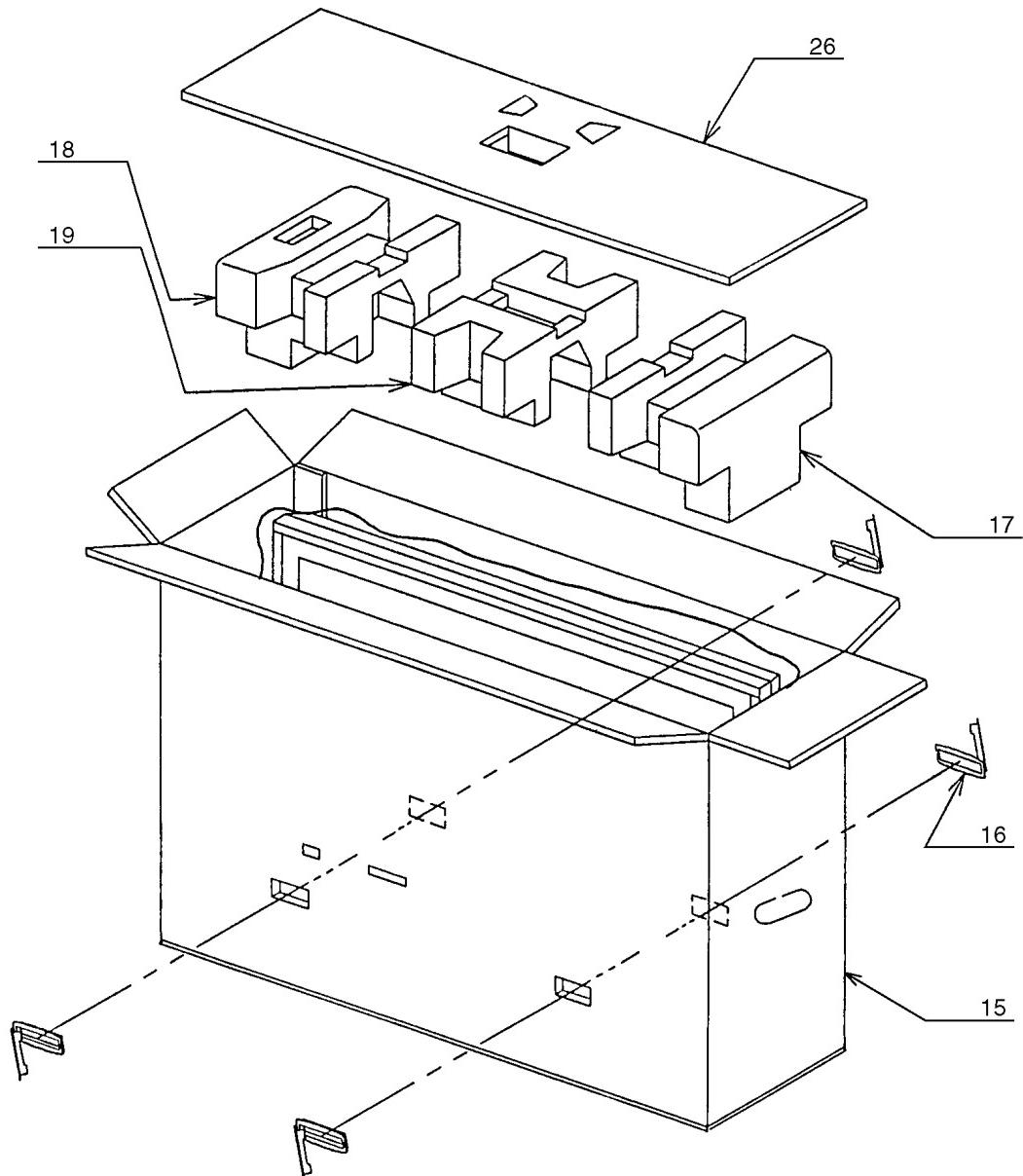


17 Packing Exploded Views

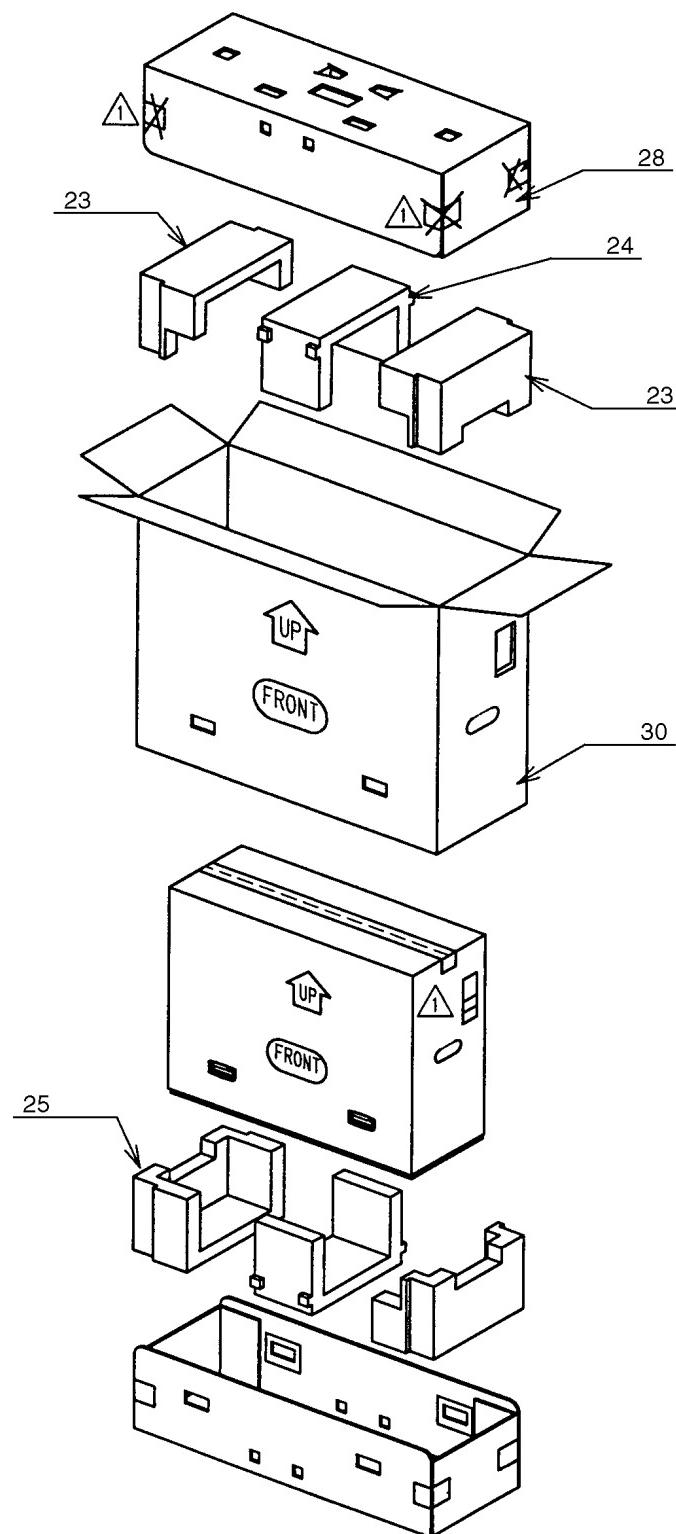
17.1. Packing Exploded Views (1)



17.2. Packing Exploded Views (2)



17.3. Packing Exploded Views (3)



18 Mechanical Replacement Parts List

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
1	EUR646529	REMOTE CONTROL	1	TH-37/42PWD7 SERIES
1	EUR646530	REMOTE CONTROL	1	TH-37/42PW7 SERIES
	J0KD00000071	FLAT CORE	2	
2	J0KF00000018	FILTER	1	
	J0KG00000052	FILTER	2	
3	J0KG00000054	NOISE FILTER	2	
	K1LB04A00055	CONNECTOR	1	
	K2AH3H000027	AC INLET	1	▲
4	K2CG3DH00025	AC CORD	1	TH-37/42PWD7UY ▲
4	K2CN3DH00006	AC CORD	1	EUROPE ▲
4	K2CT3DH00018	AC CORD	1	UK ▲
5	MD37S07A1J	PLASMA DISPLAY PANEL	1	37 INCH ▲
5	MD42S07A1J	PLASMA DISPLAY PANEL	1	42 INCH ▲
	TBMA008	PANASONIC BADGE	1	TH-37/42PWD7BKJ/EKJ/UY
	TBMA118	PANASONIC BADGE	1	TH-37/42PW7BXJ/EKJ, TH-42PWD7BSJ/ESJ
6	TBXA28202A	POWER BUTTON	1	TH-37/42PWD7BKJ/EKJ/UY
6	TBXA28214	POWER BUTTON	1	TH-37/42PW7BXJ/EKJ, TH-42PWD7BSJ/ESJ
7	TBXA38901	HINDGE BUTTON	1	TH-37/42PW7BXJ/EKJ, TH-42PWD7BSJ/ESJ
7	TBXA38902	HINDGE BUTTON	1	TH-37/42PWD7BKJ/EKJ/UY
8	TESD031	SPRING	1	
	THEA068N	SCREW	4	
	THEL023Z	SCREW	18	
	THEL027N	SCREW	29	
	THEL035N	SCREW	74	
	THTD011	SCREW	2	
	THTF010Z	SCREW	16	
9	TKGA5168	FRONT GLASS	1	TH-42PWD7 SERIES
9	TKGA5170	FRONT GLASS	1	TH-42PW7 SERIES
9	TKGA5171	FRONT GLASS	1	TH-37PWD7 SERIES
9	TKGA5173	FRONT GLASS	1	TH-37PW7 SERIES
10	TKKC5105	LED PANEL	1	
	TKKL5266	COVER	1	
11	TKPA60301	REMOCON RECEIVE PANEL	1	TH-37/42PWD7BKJ/EKJ/UY
11	TKPA60302	REMOCON RECEIVE PANEL	1	TH-37/42PW7BXJ/EKJ, TH-42PWD7BSJ/ESJ
12	TKPA63401	PHOTO IC RECEIVE PANEL	1	
13	TKRA20501	HANDLE	2	
	TMKG288	CUSHION(TKG/UPPER/BOTTOM)	2	
	TMKG289	CUSHION(TKG/LEFT/RIGHT)	2	
	TMKX263-2	INSULATOR	1	
	TMM15414-2	CLAMPER	1	
	TMM17499	CLAMPER	1	
	TMM25401	CLAMPER	2	
	TMM25401	CLAMPER	2	
	TMM7464-2	CLAMPER	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	TMME047	CLAMPER	4	
	TMME061	CLAMPER	4	
	TMME075	EADG SADOLE	2	
	TMME152	CLAMPER	1	
	TMME185	CLAMPER	2	
	TMME187	CLAMPER	2	
	TMME189	CLAMPER	1	
	TMME189	CLAMPER	1	
	TMME225	AC CORD CLAMPER	1	
	TMME228	CLAMPER	2	
	TMMX079	CLAMPER	4	
	TMMX095	BRACKET	2	
	TMWC006-1	POWER BUTTOM BRACKET	1	
14	TPCA95901A	BOTTOM CARTON	1	42 INCH
15	TPCB14046	CARTON BOX	1	TH-37PWD7UY ▲
15	TPCB14048	CARTON BOX	1	TH-37PW7EXJ ▲
15	TPCB14049	CARTON BOX	1	TH-37PW7BXJ ▲
14	TPCB14101	BOTTOM CARTON	1	37 INCH
15	TPCB34142	CARTON BOX	1	TH-42PWD7EKJ ▲
15	TPCB34143	CARTON BOX	1	TH-42PWD7BKJ ▲
15	TPCB34147	CARTON BOX	1	TH-42PW7EXJ ▲
15	TPCB34148	CARTON BOX	1	TH-42PW7BXJ ▲
15	TPCB34159	CARTON BOX	1	TH-42PWD7ESJ ▲
15	TPCB34160	CARTON BOX	1	TH-42PWD7BSJ ▲
15	TPCB40404	CARTON BOX	1	TH-42PWD7UY ▲
16	TPD169487	JOINT	4	
17	TPDA0510-1	CUSHION(UPPER RIGHT)	1	
18	TPDA0511-1	CUSHION(UPPER LEFT)	1	
19	TPDA0512	CUSHION(UPPER CENTER)	1	
20	TPDA0513	CUSHION(BOTTOM RIGHT)	1	
21	TPDA0514	CUSHION(BOTTOM LEFT)	1	
22	TPDA0515-2	CUSHION(BOTTOM CENTER)	1	
23	TPDA0675	CUSHION(UPPER LEFT/RIGHT)	2	TH-42PWD7UY
24	TPDA0676	CUSHION(CENTER)	1	TH-42PWD7UY
25	TPDA0794	CUSHION(BOTTOM LEFT/RIGHT)	1	TH-42PWD7UY
26	TPDF0596	CUSHION(UPPER)	1	42 INCH
27	TPDF0737	PAPER BOX	1	
26	TPDF0745	CUSHION(UPPER)	1	37 INCH
28	TPDF0905	CUSHION(UPPER)	1	TH-42PWD7UY
29	TPEH007-3	PROTECT COVER	1	37 INCH
29	TPEH170	PROTECT COVER	1	42 INCH
30	TPGA2150	CARTON BOX	1	TH-42PWD7UY
31	TQBC0794	INSTRUCTION BOOK(ENGLISH)	1	TH-37/42PWD7E ▲
31	TQBC0795	INSTRUCTION BOOK(GERMAN)	1	TH-37/42PWD7E ▲
31	TQBC0796	INSTRUCTION BOOK(FRENCH)	1	TH-37/42PWD7E ▲
31	TQBC0797	INSTRUCTION BOOK(ITALIAN)	1	TH-37/42PWD7E ▲
31	TQBC0798	INSTRUCTION BOOK(SPANISH)	1	TH-37/42PWD7E ▲
31	TQBC0799	INSTRUCTION BOOK(DUTCH)	1	TH-37/42PWD7E ▲
31	TQBC0800	INSTRUCTION BOOK(DANISH)	1	TH-37/42PWD7E ▲

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
31	TQBC0801	INSTRUCTION BOOK(SWEDISH)	1	TH-37/42PWD7E △
31	TQBC0810	INSTRUCTION BOOK(ENGLISH)	1	TH-37/42PWD7B △
31	TQBC0835	INSTRUCTION BOOK(FRENCH)	1	TH-37/42PWD7UY △
31	TQBC0840	INSTRUCTION BOOK(ENGLISH)	1	TH-37/42PWD7UY △
31	TQBC0841	INSTRUCTION BOOK(SPANISH)	1	TH-37/42PWD7UY △
31	TQBC0898	INSTRUCTION BOOK(ENGLISH)	1	TH-37/42PWD7E △
31	TQBC0899	INSTRUCTION BOOK(GERMAN)	1	TH-37/42PWD7E △
31	TQBC0900	INSTRUCTION BOOK(FRENCH)	1	TH-37/42PWD7E △
31	TQBC0901	INSTRUCTION BOOK(ITALIAN)	1	TH-37/42PWD7E △
31	TQBC0902	INSTRUCTION BOOK(SPANISH)	1	TH-37/42PWD7E △
31	TQBC0903	INSTRUCTION BOOK(DUTCH)	1	TH-37/42PWD7E △
31	TQBC0904	INSTRUCTION BOOK(DANISH)	1	TH-37/42PWD7E △
31	TQBC0905	INSTRUCTION BOOK(SWEDISH)	1	TH-37/42PWD7E △
31	TQBC0906	INSTRUCTION BOOK(ENGLISH)	1	TH-37/42PWD7B △
	TQFA860	LABEL	1	
	TQZH337	INSTRUCTION SHEET	1	
	TSXL139	CABLE SUS-FPC	4	
	TSXL222	CABLE (C1-C2)	1	
	TSXL367	CABLE (D-C1/2)	2	37 INCH
	TSXL368	CABLE (D-C1/2)	2	42 INCH
	TSXL386	CABLE SCN-FPC	6	
32	TTEA0194	ESCUTCHEON	1	TH-42PWD7BKJ/EKJ /UY △
32	TTEA0195	ESCUTCHEON	1	TH-37PWD7BKJ/EKJ /UY △
32	TTEA0208	ESCUTCHEON	1	TH-42PWD7BSJ/ESJ △
32	TTEA0209	ESCUTCHEON	1	TH-42PWD7BXJ/EXJ △
32	TTEA0218	ESCUTCHEON	1	TH-37PWD7BXJ/EXJ
33	TTUA0952	REAR COVER	1	TH-42PWD7UY △
33	TTUA0954	REAR COVER	1	TH-42PWD7EKJ/ESJ △
33	TTUA0955	REAR COVER	1	TH-42PWD7BKJ/BSJ △
33	TTUA0981	REAR COVER	1	TH-37PWD7UY △
33	TTUA0983	REAR COVER	1	TH-37PWD7BKJ △
33	TTUA0984	REAR COVER	1	TH-37PWD7EKJ △
33	TTUA1005	REAR COVER	1	TH-42PWD7EXJ △
33	TTUA1006	REAR COVER	1	TH-42PWD7BXJ △
33	TTUA1023	REAR COVER	1	TH-37PWD7EXJ
33	TTUA1024	REAR COVER	1	TH-37PWD7BXJ △
34	TXFMX020MMS	PLATE(FRONT GLASS/UPPER)	1	42 INCH
34	TXFMX020MRS	PLATE(FRONT GLASS/UPPER)	1	37 INCH
35	TXFMX030MMS	PLATE(FRONT GLASS/BOTTOM)	1	42 INCH
35	TXFMX030MRS	PLATE(FRONT GLASS/BOTTOM)	1	37 INCH

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
36	TXFMX040MMS	PLATE(FRONT GLASS/R/L)	2	42 INCH
36	TXFMX040MRS	PLATE(FRONT GLASS/R/L)	2	37 INCH
37	TXFMZ020QBS	STAND POLE BRACKET	2	
	TXJ/P20JAS	SC2-P2	1	
	TXJSPL0QBS	SPEAKER LEAD(LEFT)	1	
	TXJSPR0QBS	SPEAKER LEAD(RIGHT)	1	
	XTB4+10A	SCREW	20	
	XTBT964	SCREW	2	
	XTS3+10J	SCREW	1	
	XTV3+10J	SCREW	6	
	XTV3+6J	SCREW	2	
	XTW3+8T	SCREW	6	
	XYC3+JF12	SCREW	34	
	XYN3+C8	SCREW	2	
	XYN3+F10	SCREW	1	
	XYN3+F10FZ	SCREW	2	
	XYN3+F8	SCREW	2	
	XYN3+J10	SCREW	1	
	XYN3+J12	SCREW	1	
	XYN3+J8	SCREW	2	
	XYN4+E8	SCREW	1	
	XYN5+C15	SCREW	6	
	XYN8+F20FZ	SCREW	4	
	XZBT6506	POLY BAG	1	

19 Replacement Parts List

19.1. Replacement Parts List Notes

Important Safety Notice

Components identified by Δ mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.

RTL (Retention Time Limited)

Note: The marking (RTL) indicates that the Retention Time is Limited for this item.

After the discontinuation of this assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependant on the type of assembly, and in accordance with the laws governing part and product retention.

After the end of this period, the assembly will no longer be available.

Abbreviation of part name and description

1. Resistor

Example:

ERD25TJ104 C 100KOHM, J, 1/4W

Type

Allowance

2. Capacitor

Example:

ECKF1H103ZF C 0.01UF, Z, 50V

Type

Allowance

Type	Allowance
C : Carbon	F : $\pm 1\%$
F : Fuse	G : $\pm 2\%$
M : Metal Oxide	J : $\pm 5\%$
Metal Film	K : $\pm 10\%$
S : Solid	M : $\pm 20\%$
W : Wire Wound	

Type	Allowance
C : Ceramic	C : $\pm 0.25\text{pF}$
E : Electrolytic	D : $\pm 0.5\text{pF}$
P : Polyester	F : $\pm 1\text{pF}$
Polypropylene	G : $\pm 3\text{pF}$
T : Tantalum	J : $\pm 5\text{pF}$
	K : $\pm 10\text{pF}$
	L : $\pm 15\text{pF}$
	M : $\pm 20\text{pF}$
	P : +100%, -0%
	Z : +80%, -20%

19.2. Electrical Replacement List

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
F902	K5D312BL0008	FUSE	1	▲
F900.90 1	K5D802BNA003	FUSE	2	▲
C11	K1MN50BA0016	50P CONNECTOR	1	
C12	K1MN20B00043	20P CONNECTOR	1	
C21	K1MN50BA0016	50P CONNECTOR	1	
C22	K1MN20B00043	20P CONNECTOR	1	
C23	K1KA11A00102	11P CONNECTOR	1	
C24	K1KA08A00232	8P CONNECTOR	1	
C802	EEUFC1E471	E 470UF, 25V	1	
C803	EEUFC1E331	E 330UF, 25V	1	
C805	EEUFC1C102	E 1000UF, 16V	1	
C806	EEUFC1A102	E 1000UF, 10V	1	
C807	ECJ2VF1H104Z	C 0.1UF, Z, 50V	1	
C808,09	ECQB1H103JF	P 0.01UF, J, 50V	2	
C810	EEUFC1E561	E 560UF, 25V	1	
C811	ECQB1H103JF	P 0.01UF, J, 50V	1	
C812	ECQB1H104JF	P 0.1UF, J, 50V	1	
C813	ECQB1H473JF	P 0.047UF, J, 50V	1	
C814	EEUFC0J152	E 1500UF, 6.3V	1	
C815	ECQB1H104JF	P 0.1UF, J, 50V	1	
C816	ECQB1H682JF3	P 6800PF, J, 50V	1	
C901	ECQU2A105BN9	P 1UF, 250V	1	▲
C902,03	ECKCNA221KB7	C 220PF, M,	2	▲
C904	ECQU2A474BN9	P 0.47UF, 250V	1	▲
C905	ECQU2A105BN9	P 1UF, 250V	1	▲
C906,07	ECKCNA221KB7	C 220PF, M,	2	▲
C910	EETHC2W101J	C 4700PF, Z, 450V	1	
C911	ECQE6223KF	P 0.022UF, K, 400V	1	
C912	EEUEB1H100SB	E 100UF, 25V	1	
C913	ECJ2XC1H221J	C 220PF, J, 50V	1	
C914	ECKD3D221KBN	C 220PF, K, 2KV	1	
C915	ECJ2XC1H471J	C 470PF, J, 50V	1	
C916	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C917	EEUEB1H100SB	E 100UF, 25V	1	
C918	ECJ2XC1H222J	C 2200PF, J, 50V	1	
C919	ECJ2XF1H224Z	C 0.22UF, Z, 50V	1	
C920	ECKDNA471KB7	C 470PF, Z,	1	▲
C930	EEUFC1E222	E 2200UF, 25V	1	
C931	ECKD3A331KBP	C 330PF, K, 1KV	1	
C932	EEUEB1E101	E 100UF, 25V	1	
C933	ECJ2FB1E105K	C 1UF, K, 16V	1	
C1530	ECJ3XB0J106M	C 10UF, M, 6.3V	1	
C2312	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C2313	ECA1HHG470	E 47UF, 50V	1	
C2314	ECA1EHG470	E 47UF, 25V	1	
C2350,5 1	TCUY1C225KBM	C 2.2UF, 16V	2	
C2352,5 3	ECA1HHG100	E 10UF, 50V	2	
C2354,5	ECA1VM470	E 47UF, 35V	2	
C2356,5 7	ECJ2XB1H102K	C 1000PF, K, 50V	2	
C2358,5 9	ECA1HM2R2	E 2.2UF, 50V	2	
C2360,6 1	ECJ2XC1H102J	C 1000PF, J, 50V	2	
C2362,6 3	ECA1EM471	E 470UF, 25V	2	
C2364,6 5	ECQV1H104JM	P 0.1UF, J, 50V	2	
C2366,6 7	ECQV1H225JM	P 2.2UF, J, 50V	2	
C2368,6 9	ECQV1H104JM	P 0.1UF, J, 50V	2	
C2370	ECA1VM470	E 47UF, 35V	1	
C2419	ECA1HHG100	E 10UF, 50V	1	
C2423	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C2426	ECJ2XB1H153K	C 0.015UF, K, 50V	1	
C2427	ECA1HHG100	E 10UF, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C2429	EEAGA1C101	E 100UF, 16V	1	
C2431	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C2433	ECJ2XB1H393K	C 0.039UF, K, 50V	1	
C2434	ECJ2XB1H223K	C 0.022UF, K, 50V	1	
C2435	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C2436	ECJ3VB1C104K	C 0.10UF, K, 16V	1	
C2437,8	EEAGA1C101	E 100UF, 16V	2	
C2440,4	ECJ3XF1C475Z	C 4.7UF, Z, 16V	2	
C2450	ECA1HHG100	E 10UF, 50V	1	
C2451	ECA1HHG4R7	E 4.7UF, 50V	1	
C2452	ECJ2XB1H562K	C 5600PF, K, 50V	1	
C2453	ECJ2VF1H104Z	C 0.1UF, Z, 50V	1	
C2454	ECA1HHG4R7	E 4.7UF, 50V	1	
C2455	ECA1HHG4R7	E 4.7UF, 50V	1	
C2458	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C2459	ECJ3VB1C104K	C 0.10UF, K, 16V	1	
C2460	ECJ2XB1H473K	C 0.047UF, K, 50V	1	
C2461	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C2463	ECJ2XB1H473K	C 0.047UF, K, 50V	1	
C2466,7	ECJ3VB1C104K	C 0.10UF, K, 16V	2	
C3001	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C3002	ECJ2XB1E104K	C 0.1UF, K, 25V	1	HA
C3002	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C3003	EEVHP1A100	E 10UF, 10V	1	
C3004	EEEHB1C470P	C 47PF, J, 16V	1	
C3004	EEVHP1A100	E 10UF, 10V	1	HA
C3005	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	HA
C3005	ECJ2XB1H682K	C 6800PF, K, 50V	1	
C3006	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	HA
C3006	ECJ2XB1H682K	C 6800PF, K, 50V	1	
C3007	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	HA
C3007	ECJ2XB1H682K	C 6800PF, K, 50V	1	HB
C3007	EEEHB1C470P	C 47PF, J, 16V	1	
C3008	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	
C3008	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	HA
C3008	ECJ2XB1H682K	C 6800PF, K, 50V	1	HB
C3009	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3009	EEVHP1C470	E 47UF, 16V	1	HA
C3010	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3011	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3011	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	HA
C3011	EEEHB1C470	E 47UF, 16V	1	HB
C3012	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C3012	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	HA
C3012	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	HB
C3013	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C3013	ECJ2XB1H682K	C 6800PF, K, 50V	1	HB
C3014	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C3014	EEVHP1C470	E 47UF, 16V	1	HB
C3015	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C3015	ECJ1XC1H470J	C 47PF, J, 50V	1	HB
C3016	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C3016	ECJ1XC1H220J	C 22PF, J, 50V	1	HB
C3017	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C3017	ECJ1XC1H680J	C 68PF, J, 50V	1	HB
C3018	EEEHB1C470P	C 47PF, J, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3018 02	EEVHP1A100	E 10UF, 10V	1	HB
C3019	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3019 02	ECJ3YB0J335K	C 33UF, J, 25V	1	HB
C3020	TCUY1C225KBM	C 2.2UF, 16V	1	
C3021 02	ECJ1VF1A105Z	C 1UF, Z, 10V	1	HA
C3021 03	ECJ2XB1H682K	C 6800PF, K, 50V	1	HB
C3021	TCUY1C225KBM	C 2.2UF, 16V	1	
C3022 03	ECJ1VF1A105Z	C 1UF, Z, 10V	1	HB
C3022 02	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	HA
C3022	TCUY1C225KBM	C 2.2UF, 16V	1	
C3023 02	EEVHB1C470	E 47UF, 16V	1	HB
C3023	TCUY1C225KBM	C 2.2UF, 16V	1	42 INCH
C3024 02	ECJ3XB0J106M	C 10UF, M,6.3V	1	HB
C3024, 2 5	TCUY1C225KBM	C 2.2UF, 16V	2	42 INCH
C3026- 31	TCUY1C225KBM	C 2.2UF, 16V	6	
C3032	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	PWD7
C3040, 4 1	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C3051- 54	ECJ1XC1H561J	C 560PF, J, 50V	4	
C3055, 5 6	ECJ2XB1H682K	C 6800PF, K, 50V	2	
C3101	TCUY1C225KBM	C 2.2UF, 16V	1	
C3102 02	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	HB
C3102	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3103 02	ECJ1VF1A105Z	C 1UF, Z, 10V	1	HB
C3103	TCUY1C225KBM	C 2.2UF, 16V	1	
C3104 02	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	HB
C3104, 0 5	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C3105 02	EEVHB0G221	E 220UF, 4V	1	HB
C3106 02	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	HB
C3106	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3107 02	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	HB
C3107	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3108 02	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	HB
C3108	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3109 02	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	HB
C3109	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3110 02	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	HB
C3110	TCUY1C225KBM	C 2.2UF, 16V	1	
C3111 02	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	HB
C3111	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3112 02	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	HB
C3112	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3113 02	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	HB
C3113	EEEHB1C470P	C 47PF, J, 16V	1	
C3114 02	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	HB
C3114	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C3115 02	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	HB
C3115	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3116 02	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	HB
C3116	TCUY1C225KBM	C 2.2UF, 16V	1	PWD7

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3117 02	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	HB
C3117	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	PWD7
C3118 02	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	HB
C3118	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	PWD7
C3119 02	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	HB
C3119	TCUY1C225KBM	C 2.2UF, 16V	1	PWD7
C3120 02	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	HB
C3120	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	PWD7
C3121 02	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	HB
C3121	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	PWD7
C3122 02	ECJ1VF1A105Z	C 1UF, Z, 10V	1	HB
C3122	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	PWD7
C3123 02	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	HB
C3123	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	PWD7
C3124 02	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	HB
C3124	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	PWD7
C3125 02	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	HB
C3125	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	PWD7
C3126 02	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	HB
C3126	TCUY1C225KBM	C 2.2UF, 16V	1	PWD7
C3127 02	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	PWD7
C3127	ECJ2XB1H682K	C 6800PF, K, 50V	1	HB
C3128 02	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	HB
C3128	EEEHB1C470P	C 47PF, J, 16V	1	PWD7
C3129 02	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	HB
C3129	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	PWD7
C3130 02	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	PWD7
C3131- 02	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C3134	EEVHB1C471	E 470UF, 16V	1	
C3135 02	ECJ1VB1C103K	C 0.01UF, K, 16V	1	HB
C3135	EEVHB1C471	E 470UF, 16V	1	
C3136 02	ECJ1XC1H330J	C 33PF, J, 50V	1	HB
C3136	EEVHB1C471	E 470UF, 16V	1	
C3137 02	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3138	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C3139	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3140	ECJ1XC1H101J	C 100PF, J, 50V	1	
C3141 02	ECJ1XB0J105K	C 1UF, K, 16V	1	HB
C3141	TCUY1C225KBM	C 2.2UF, 16V	1	PWD7
C3142 02	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	HB
C3142	TCUY1C225KBM	C 2.2UF, 16V	1	PWD7
C3143	TCUY1C225KBM	C 2.2UF, 16V	1	
C3144 02	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	HB
C3144	TCUY1C225KBM	C 2.2UF, 16V	1	
C3146	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3147	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C3148	ECJ1XB0J105K	C 1UF, K, 16V	1	
C3149	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3150 02	ECJ1VB1C103K	C 0.01UF, K, 16V	1	HB
C3150	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3151	ECJ1XC1H330J	C 33PF, J, 50V	1	
C3152	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3153	ECJ1XC1H101J	C 100PF, J, 50V	1	
C3154	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3156	ECJ1XB0J105K	C 1UF, K, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3157	ECJ3XB0J106M	C 10UF, M, 6.3V	1	
C3158	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3159	EEVHB0G221	E 220UF, 4V	1	
C3160, 6 1	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C3162- 66	ECJ1VF1A105Z	C 1UF, Z, 10V	5	
C3167- 78	ECJ1XB1C104K	C 0.1UF, Z, 16V	12	
C3179	EEVHB0G221	E 220UF, 4V	1	
C3180- 83	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C3185	ECJ1XC1H060D	C 6PF, D, 50V	1	
C3186	ECJ1XC1H470J	C 47PF, J, 50V	1	
C3188	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C3200	ECJ2XB1H682K	C 6800PF, K, 50V	1	
C3202- 06	ECJ1VF1A105Z	C 1UF, Z, 10V	5	
C3207	EEVHB0G221	E 220UF, 4V	1	
C3208- 14	ECJ1VF1A105Z	C 1UF, Z, 10V	7	
C3216, 1 7	ECJ1VF1A105Z	C 1UF, Z, 10V	2	
C3218	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3253	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C3254	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3255	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C3256	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3257	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C3258	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3259	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C3260	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3261	EEVHB0G221	E 220UF, 4V	1	
C3262	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C3263, 6 4	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C3265	EEVHB0G221	E 220UF, 4V	1	
C3266 02	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	HB
C3266- 68	EEVHB1C471	E 470UF, 16V	3	PWD7
C3301	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C3308	EEVHB0G221	E 220UF, 4V	1	
C3309	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C3311	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3313	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C3316, 1 7	ECJ1VF1A105Z	C 1UF, Z, 10V	2	
C3318- 21	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C3322, 2 3	EEVHB0G221	E 220UF, 4V	2	
C3324	EEVHB0J101P	E 100UF, 6.3V	1	
C3325	EEVHB1C470	E 47UF, 16V	1	
C3327- 30	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C3404	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3405	EEEHB1C470P	C 47PF, J, 16V	1	42 INCH
C3405	EEVHB1C470	E 47UF, 16V	1	37 INCH
C3409	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3523	EEEHB1C470P	C 47PF, J, 16V	1	42 INCH
C3523	EEVHB1C470	E 47UF, 16V	1	37 INCH
C3524	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C3550	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C3551	EEEHB1C470P	C 47PF, J, 16V	1	42 INCH
C3551	EEVHB1C470	E 47UF, 16V	1	37 INCH
C3561, 6 2	ECJ2XB1H682K	C 6800PF, K, 50V	2	
C6001	F2A2D221A022	E 220UF, 200V	1	
C6003, 0 4	F2A2D221A022	E 220UF, 200V	2	
C6005	F1L1E4750004	C 4.7UF, 25V	1	
C6007, 0 8	ECA2CM101	E 100UF, 160V	2	
C6009	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6015	F1L2J562A010	C 5600UF, K, 6.3V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C6016	F1L2J392A010	E 22UF, 63V	1	
C6021- 30	ECQE2105RKB	P 1UF, 250V	10	
C6031, 3 2	F1L1E4750004	C 4.7UF, 25V	2	
C6033	TCUY1C105ZFN	C 1UF, 16V	1	
C6034, 3 5	F1L1E4750004	C 4.7UF, 25V	2	
C6036	TCUY1C105ZFN	C 1UF, 16V	1	
C6037	ECQE2224KF	P 0.22UF, K, 250V	1	
C6039	F1L2E1040002	E 1000UF, 25V	1	
C6040	ECJ3XB2J222K	C 2200PF, K, 630V	1	
C6041, 4 2	TCUY1C105ZFN	C 1UF, 16V	2	
C6043, 4 4	F1L1E4750004	C 4.7UF, 25V	2	
C6046	F1L1E4750004	C 4.7UF, 25V	1	
C6047	F2A2D1510004	E 150UF, 200V	1	
C6048	EEUFC1E221	E 220UF, 25V	1	
C6049	F1L1E4750004	C 4.7UF, 25V	1	
C6050, 5 1	TCUY1C105ZFN	C 1UF, 16V	2	
C6053, 5 4	EEUFC1E221	E 220UF, 25V	2	
C6055	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6056	EEUFC1A101	E 100UF, 10V	1	
C6057	F1L1E4750004	C 4.7UF, 25V	1	
C6058	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6060, 6 1	F1K2J471A014	C 470UF, K, 6.3V	2	
C6092	F1L2J392A010	E 22UF, 63V	1	
C6093	F1L2J562A010	C 5600UF, K, 6.3V	1	
C6456	ECA2CM101	E 100UF, 160V	1	
C6457	ECA2CHG100	E 10UF, 160V	1	
C6458	F1L1E4750004	C 4.7UF, 25V	1	
C6459	EEUFC1E470	E 47UF, 25V	1	
C6461	ECA1HM101	E 100UF, 50V	1	
C6462- 65	F1L1E4750004	C 4.7UF, 25V	4	
C6466	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6467	ECJ2XB1H472K	C 4700PF, K, 50V	1	
C6468	TCUY1C105ZFN	C 1UF, 16V	1	
C6469	EEUFC1E221	E 220UF, 25V	1	
C6470	ECA1HM221	E 220UF, 50V	1	
C6471	TCUY1C105ZFN	C 1UF, 16V	1	
C6472	ECJ2VB1H333K	C 0.033UF, K, 50V	1	
C6473	TCUY1C105ZFN	C 1UF, 16V	1	
C6474	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6475	EEUFC1E221	E 220UF, 25V	1	
C6476	ECA2CM101	E 100UF, 160V	1	
C6478	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6479	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6490	F1K2J332A014	C 3300UF, K, 6.3V	1	
C6492	ECA2VHG100	E 10UF, 350V	1	
C6493	ECJ3XB2J222K	C 2200PF, K, 630V	1	
C6501- 08	TCUY1C105ZFN	C 1UF, 16V	8	
C6509	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C6511, 1 2	F1L1E4750004	C 4.7UF, 25V	2	
C6513	ECA2CM101	E 100UF, 160V	1	
C6521	EEUFC1E470	E 47UF, 25V	1	
C6523	ECA1VM470	E 47UF, 35V	1	
C6524	F1K2J471A014	C 470UF, K, 6.3V	1	
C6526	ECA2EHG220	E 22UF, 250V	1	
C6529, 3 0	F1K2J471A014	C 470UF, K, 6.3V	2	
C6531, 3 2	F1L1E4750004	C 4.7UF, 25V	2	
C6533, 3 4	F1K2J471A014	C 470UF, K, 6.3V	2	
C6541	F1L1E4750004	C 4.7UF, 25V	1	
C6543, 4 4	F1K2J102A014	C 1000PF,	2	
C6546	TCUY1C105ZFN	C 1UF, 16V	1	
C6550	ECA2CM101	E 100UF, 160V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C6551	ECQE2224KF	P 0.22UF, K, 250V	1	
C6571	TCUY1C105ZFN	C 1UF, 16V	1	
C6575-78	TCUY1C105ZFN	C 1UF, 16V	4	
C6580,8 1	TCUY1C105ZFN	C 1UF, 16V	2	
C6584	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6585	TCUY1C105ZFN	C 1UF, 16V	1	
C6587	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6588	TCUY1C105ZFN	C 1UF, 16V	1	
C6589	F1L1E4750004	C 4.7UF, 25V	1	
C6590	TCUY1C105ZFN	C 1UF, 16V	1	
C6591	F1L1E4750004	C 4.7UF, 25V	1	
C6598	ECA1CM220	E 22UF, 16V	1	
C6601-03	F2A2D221A022	E 220UF, 200V	3	
C6607	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6608	ECA1EM471	E 470UF, 25V	1	
C6617	F1L2J562A010	C 5600UF, K, 6.3V	1	
C6618	F1L2J392A010	E 22UF, 63V	1	
C6619	F1L2J562A010	C 5600UF, K, 6.3V	1	
C6621-30	ECQE2105RKB	P 1UF, 250V	10	
C6631,3 2	F1L1E4750004	C 4.7UF, 25V	2	
C6633	TCUY1C105ZFN	C 1UF, 16V	1	
C6634,3 5	F1L1E4750004	C 4.7UF, 25V	2	
C6636	TCUY1C105ZFN	C 1UF, 16V	1	
C6637	F1L1E4750004	C 4.7UF, 25V	1	
C6639	F1L1E4750004	C 4.7UF, 25V	1	
C6642	F1L2E1040002	E 1000UF, 25V	1	
C6647	TCUY1C105ZFN	C 1UF, 16V	1	
C6650	ECQE2224KF	P 0.22UF, K, 250V	1	
C6651,5 2	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C6655,5 6	EEUFC1A101	E 100UF, 10V	2	
C6659,6 0	F1K2J471A014	C 470UF, K, 6.3V	2	
C6697	F1L2J392A010	E 22UF, 63V	1	
C6698	F1L2J562A010	C 5600UF, K, 6.3V	1	
C6901-04	TCUY1C105ZFN	C 1UF, 16V	4	
C6911,1 2	ECJ2XB1H102K	C 1000PF, K, 50V	2	
C6917	ECJ2XB1H221K	C 220PF, K, 50V	1	
C6931	F1L2E1040002	E 1000UF, 25V	1	
C6933	F1L2E1040002	E 1000UF, 25V	1	
C6955-58	TCUY1C105ZFN	C 1UF, 16V	4	
C6971,7 2	ECJ2XB1H102K	C 1000PF, K, 50V	2	
C6977	F1L2E1040002	E 1000UF, 25V	1	
C6979	F1L2E1040002	E 1000UF, 25V	1	
C7101	TCUY1C105ZFN	C 1UF, 16V	1	
C7102	ECJ3XB0J106M	C 10UF, M, 6.3V	1	
C7104-06	TCUY1C105ZFN	C 1UF, 16V	3	
C7107	F1K2A1040004	C 0.1UF, 100V	1	
C7108-10	TCUY1C105ZFN	C 1UF, 16V	3	
C7135	TCUY1C105ZFN	C 1UF, 16V	1	
C7136	ECJ3XB0J106M	C 10UF, M, 6.3V	1	
C7137	TCUY1C105ZFN	C 1UF, 16V	1	
C7138	ECJ3XB0J106M	C 10UF, M, 6.3V	1	
C7139	TCUY1C105ZFN	C 1UF, 16V	1	
C7140	ECJ3XB0J106M	C 10UF, M, 6.3V	1	
C7153	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7154,5 5	ECJ1XC1H821J	C 820PF, J, 50V	2	
C7161	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7163	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7165	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7182,8 3	ECJ1XC1H101J	C 100PF, J, 50V	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C7186	ECJ1XC1H331J	C 330PF, J, 50V	1	
C7190,9 1	ECJ3XB0J106M	C 10UF, M, 6.3V	2	42 INCH
C7192-94	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	42 INCH
C7201	TCUY1C105ZFN	C 1UF, 16V	1	
C7202	ECJ3XB0J106M	C 10UF, M, 6.3V	1	
C7203-06	TCUY1C105ZFN	C 1UF, 16V	4	
C7207	F1K2A1040004	C 0.1UF, 100V	1	
C7208-10	TCUY1C105ZFN	C 1UF, 16V	3	
C7219	TCUY1C105ZFN	C 1UF, 16V	1	
C7222	TCUY1C105ZFN	C 1UF, 16V	1	
C7235	TCUY1C105ZFN	C 1UF, 16V	1	
C7236	ECJ3XB0J106M	C 10UF, M, 6.3V	1	
C7237	TCUY1C105ZFN	C 1UF, 16V	1	
C7238	ECJ3XB0J106M	C 10UF, M, 6.3V	1	
C7239	TCUY1C105ZFN	C 1UF, 16V	1	
C7240	ECJ3XB0J106M	C 10UF, M, 6.3V	1	
C7242,4 3	TCUY1C105ZFN	C 1UF, 16V	2	
C7253	ECJ1XC1H821J	C 820PF, J, 50V	1	
C7254	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7255	ECJ1XC1H101J	C 100PF, J, 50V	1	42 INCH
C7255	ECJ1XC1H821J	C 820PF, J, 50V	1	37 INCH
C7256	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7266	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7268	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7270	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7272	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7281	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7282,8 3	ECJ1XC1H821J	C 820PF, J, 50V	2	42 INCH
C7282,8 3	ECJ1XC1H101J	C 100PF, J, 50V	2	37 INCH
C7284	ECJ1XC1H821J	C 820PF, J, 50V	1	37 INCH
C7286	ECJ1XC1H821J	C 820PF, J, 50V	1	42 INCH
C7287	ECJ1XC1H821J	C 820PF, J, 50V	1	37 INCH
C7290-92	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	42 INCH
C7293,9 4	ECJ3XB0J106M	C 10UF, M, 6.3V	2	42 INCH
C8001	EEEHB1C470P	C 47PF, J, 16V	1	
C8002	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	42PWD7
C8003	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	
C8004	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	37 INCH
C8005	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C8006	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	PWD7
C8007	ECJ1XC1H101J	C 100PF, J, 50V	1	
C8008	ECJ1XC1H101J	C 100PF, J, 50V	1	PWD7
C8009	ECJ3XB0J106M	C 10UF, M, 6.3V	1	
C8011	ECJ3XB0J106M	C 10UF, M, 6.3V	1	PWD7
C8013	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C8014	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	PWD7
C8015	ECJ3YF1A106Z	C 10UF, Z, 10V	1	
C8016	ECJ3YB1A475K	C 0.047UF, K, 10V	1	
C8017	ECJ3YF1A106Z	C 10UF, Z, 10V	1	PWD7
C8018	ECJ3YB1A475K	C 0.047UF, K, 10V	1	PWD7
C8019	ECJ1VB1H103K	C 0.01UF, K, 50V	1	
C8020	ECJ1VB1H103K	C 0.01UF, K, 50V	1	PWD7
C8021	ECJ3VB1C474K	C 0.47UF, K, 16V	1	
C8022	ECJ3VB1C474K	C 0.47UF, K, 16V	1	PWD7
C8023	ECJ1VB1H103K	C 0.01UF, K, 50V	1	
C8024	ECJ1VB1H103K	C 0.01UF, K, 50V	1	PWD7
C8025	ECJ1VB1H103K	C 0.01UF, K, 50V	1	
C8026	ECJ1VB1H103K	C 0.01UF, K, 50V	1	PWD7
C8027	TCUY1C225KBM	C 2.2UF, 16V	1	
C8029	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C8030	EEEHB1C470P	C 47PF, J, 16V	1	
C8031	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	PWD7
C8032	EEEHB1C470P	C 47PF, J, 16V	1	PWD7
C8033	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C8034	ECJ1XC1H102J	C 1000PF, J, 50V	1	PWD7
C8035	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C8036	ECJ1XC1H101J	C 100PF, J, 50V	1	
C8037	ECJ1XC1H101J	C 100PF, J, 50V	1	PWD7
C8038	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C8039	ECJ2XC1H102J	C 1000PF, J, 50V	1	PWD7
C8041	TCUY1C225KBM	C 2.2UF, 16V	1	PWD7
C8043	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	PWD7
C8045	ECJ2XB1H682K	C 6800PF, K, 50V	1	PWD7
C8049	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C8050	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	PWD7
C8051	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C8070	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C8071	EEEHB1C470P	C 47PF, J, 16V	1	
C8072, 7 3	ECJ3YF1A106Z	C 10UF, Z, 10V	2	
C8080- 83	ECJ1XF1C104Z	C 0.1UF, Z, 16V	4	
C8084	TCUY1C105ZFN	C 1UF, 16V	1	
C8100	EEEHB1C470P	C 47PF, J, 16V	1	
C8101	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C8102- 07	EEEHB1C470P	C 47PF, J, 16V	6	
C8108, 0 9	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C8110	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C8111- 13	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C8114	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C8115	EEEHB1C470P	C 47PF, J, 16V	1	
C8116, 1 7	ECJ1VF1H103Z	C 0.01UF, Z, 50V	2	
C8118	EEEHB1C470P	C 47PF, J, 16V	1	
C8119	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C8120	EEEHB1C470P	C 47PF, J, 16V	1	
C8121	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C8122	EEEHB1C470P	C 47PF, J, 16V	1	
C8123	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C8181, 8 2	ECJ1XC1H150J	C 15PF, J, 50V	2	
C8183	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C8185	EECS5R5H155	E 1.5UF, 5.5V	1	
C8200	EEEHB1C470P	C 47PF, J, 16V	1	
C9000, 0 1	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9002	ECJ1XC1H101J	C 100PF, J, 50V	1	
C9003	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9005	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9013	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C9015, 1 6	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C9018	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9019	ECJ1XF1H102Z	C 1000PF, Z, 50V	1	
C9020	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9021	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C9022	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9024	EEEHB1C470P	C 47PF, J, 16V	1	
C9025, 2 6	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C9028	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9029	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9030	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9031	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9033, 3 4	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C9035	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9036	ECJ1XC1H220J	C 22PF, J, 50V	1	
C9037	ECJ1VC1H270J	C 27PF, J, 50V	1	
C9038, 3 9	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9041	ECJ1XF1H102Z	C 1000PF, Z, 50V	1	
C9043- 45	TCUY1C105ZFN	C 1UF, 16V	3	
C9046	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9047	ECJ1XC1H101J	C 100PF, J, 50V	1	
C9048	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9049	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9050	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C9051	TCUY1C105ZFN	C 1UF, 16V	1	
C9064	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9200	ECJ3XB0J106M	C 10UF, M, 6.3V	1	
C9201	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9202	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9203	ECJ3XB0J106M	C 10UF, M, 6.3V	1	
C9204, 0 5	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9206	EEEHB0G221P	C 220PF, J, 4V	1	
C9207- 09	ECJ3XB0J106M	C 10UF, M, 6.3V	3	
C9210- 13	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C9215, 1 6	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C9219	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9220	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9222	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9226	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9227	ECJ3XB0J106M	C 10UF, M, 6.3V	1	
C9228	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9229, 3 0	ECJ3XB0J106M	C 10UF, M, 6.3V	2	PWD7
C9231, 3 2	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	PWD7
C9233, 3 4	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	PWD7
C9235	ECJ3XB0J106M	C 10UF, M, 6.3V	1	
C9236	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9237, 3 8	ECJ3XB0J106M	C 10UF, M, 6.3V	2	PWD7
C9239, 4 0	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	PWD7
C9241	ECJ2XB1H103K	C 0.01UF, K, 50V	1	PWD7
C9242	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	PWD7
C9243, 4 4	ECJ2XB1H103K	C 0.01UF, K, 50V	2	PWD7
C9245	ECJ1XB1H102K	C 1000UF, Z, 50V	1	PWD7
C9246- 48	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	PWD7
C9249	ECJ1VB1C823K	C 0.082UF, K, 16V	1	PWD7
C9250	ECJ1VB1H822K	C 8200PF, K, 50V	1	PWD7
C9253- 55	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	PWD7
C9256	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9257- 59	EEEHB1C470P	C 47PF, J, 16V	3	
C9260, 6 1	ECJ3XF1C475Z	C 4.7UF, Z, 16V	2	
C9263	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C9264, 6 5	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9266	F2H1E221A007	E 2.2UF, 25V	1	
C9269	F2H1E221A007	E 2.2UF, 25V	1	
C9271	EEEHB0G221P	C 220PF, J, 4V	1	
C9275	ECJ2XB1H472K	C 4700PF, K, 50V	1	
C9276	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9279	F2H1E221A007	E 2.2UF, 25V	1	
C9282	F2H1E221A007	E 2.2UF, 25V	1	
C9284	ECJ2XB1H472K	C 4700PF, K, 50V	1	
C9286	EEEHB1C470P	C 47PF, J, 16V	1	
C9287	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9288	EEEHB1C470P	C 47PF, J, 16V	1	
C9290	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9293	ECGRL0G680R	C 68PF, J, 4V	1	
C9294	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9296	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9301	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C9302	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9303	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9304	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C9305	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9306	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9363	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9365	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9366	EEEHB1C470P	C 47PF, J, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C9368	EEEHB1C470P	C 47PF, J, 16V	1	
C9369	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9371	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9372	ECJ3XB0J106M	C 10UF, M, 6.3V	1	
C9374	ECJ3XB0J106M	C 10UF, M, 6.3V	1	
C9500,0 1	ECJ1XC1H180J	C 18PF, J, 50V	2	
C9521- 32	ECJ1XB1C104K	C 0.1UF, Z, 16V	12	
C9533	EEEHB0G221P	C 220PF, J, 4V	1	
C9541- 52	ECJ1XB1C104K	C 0.1UF, Z, 16V	12	
C9553	EEEHB0G221P	C 220PF, J, 4V	1	
C9561	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9562	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9575	ECJ3XB0J106M	C 10UF, M, 6.3V	1	
C9576,7 7	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C9602- 33	ECJ1XB1C104K	C 0.1UF, Z, 16V	32	
C9634	EEEHB0G221P	C 220PF, J, 4V	1	
C9635- 69	ECJ1XB1C104K	C 0.1UF, Z, 16V	35	
C9670	EEEHB0G221P	C 220PF, J, 4V	1	
C9671,7 2	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C9679	ECJ1XC1H050D	C 5PF, D, 50V	1	PW7
C9682,8 3	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C9691	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9692	ECJ3XB0J106M	C 10UF, M, 6.3V	1	
C9693	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9694	ECJ3XB0J106M	C 10UF, M, 6.3V	1	
C9700	TCUY1C105ZFN	C 1UF, 16V	1	
C9701- 05	ECJ1XF1C104Z	C 0.1UF, Z, 16V	5	
C9707	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9708	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9709	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C9711- 13	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C9714	TCUY1C105ZFN	C 1UF, 16V	1	
C9715- 18	ECJ1XF1C104Z	C 0.1UF, Z, 16V	4	
C9721- 36	ECJ1XF1C104Z	C 0.1UF, Z, 16V	16	
C9738	TCUY1C105ZFN	C 1UF, 16V	1	
C9850	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9860	ECJ3XB0J106M	C 10UF, M, 6.3V	1	
C9861	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9862	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9863	ECJ3XB0J106M	C 10UF, M, 6.3V	1	
C9864,6 5	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9866	EEEHB0G221P	C 220PF, J, 4V	1	
C9867- 69	ECJ3XB0J106M	C 10UF, M, 6.3V	3	
C9870- 73	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C9875,7 6	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C9879	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9880	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9882	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9886	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9887	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	PW7
C9894	ECJ3XB0J106M	C 10UF, M, 6.3V	1	
C9895	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9905,0 6	ECJ3XB0J106M	C 10UF, M, 6.3V	2	
C9907,0 8	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9909,1 0	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C9911,1 2	ECJ3XB0J106M	C 10UF, M, 6.3V	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C9913,1 4	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9915	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C9916	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9917,1 8	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C9919	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C9920,2 1	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9922	ECJ3XB0J106M	C 10UF, M, 6.3V	1	
C9923,2 4	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9925	ECJ1VB1C823K	C 0.082UF, K, 16V	1	
C9926	ECJ1VB1H822K	C 8200PF, K, 50V	1	
C9928	ECJ1XC1H050D	C 5PF, D, 50V	1	PW7
C9929- 31	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
CB1-B7	K1MN68BA0002	68P CONNECTOR	7	
CF901,0 2	ERZV10V621P2	VARISTOR	2	⚠
D1	K1KA20AA0009	20P CONNECTOR	1	
D3	K1KA30AA0009	30P CONNECTOR	1	
D4	K1KA14A00248	14P CONNECTOR	1	
D5	K1KA31A0003	31P CONNECTOR	1	
D10	K1KA12A00254	12P CONNECTOR	1	
D20	K1KA20A00272	20P CONNECTOR	1	
D25	K1KA08A00293	8P CONNECTOR	1	PWD7
D25	K1KA08AA0005	8P CONNECTOR	1	PW7
D27	K1KA09A00077	9P CONNECTOR	1	
D31,32	K1MN50BA0016	50P CONNECTOR	2	
D802,03	M1FS4	DIODE	2	
D804	B0JCPD000010	DIODE	1	
D806,07	B0BC6R8A0010	DIODE	2	
D910	D4SB80Z	DIODE	1	⚠
D911	B0EAKT000017	DIODE	1	
D912-14	B0HCMM000001	DIODE	3	
D915,16	TMPG10G3	DIODE	2	
D918	TMPG10G3	DIODE	1	
D930	B0HARM000020	DIODE	1	
D931	LNJ301MPUJA	LED	1	
D932	MA152K	DIODE	1	
D933	M1FS4	DIODE	1	
D1550	LNJ107W5PRW	LED	1	
D1551- 54	MA8056-M	DIODE	4	
D2301,0 2	M1FS4	DIODE	2	
D2308	MA152	DIODE	1	
D2317	M1FS4	DIODE	1	
D3001	MA111	DIODE	1	
D3001	MA729	DIODE	1	HB
D3002	MA3100M	ZENER DIODE	1	
D3003	MA111	DIODE	1	
D3004	MA111	DIODE	1	42 INCH
D3005	LNJ206R5ARA	LED	1	
D3007,0 8	MA111	DIODE	2	
D3021	MA111	DIODE	1	PWD7
D3024	MA111	DIODE	1	
D3061	MA728	DIODE	1	
D3501- 04	MA3056M	ZENER DIODE	4	
D3507-	MA8160H	ZENER DIODE	4	
D6011- 14	M1FS4	DIODE	4	
D6015	D1FL40F4063	DIODE	1	
D6016	M1FS4	DIODE	1	
D6020	B0HBSN000009	DIODE	1	
D6021	D1FL40F4063	DIODE	1	
D6022	B0HBSN000009	DIODE	1	
D6023	D1FL40F4063	DIODE	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D6024	B0HBSN000009	DIODE	1	
D6029	B0HBSN000009	DIODE	1	
D6035	MA8033L	ZENER DIODE	1	
D6036	MA111	DIODE	1	
D6037	D1FL40F4063	DIODE	1	
D6040, 4 1	D1FL40F4063	DIODE	2	
D6050, 5 1	D1FL40F4063	DIODE	2	
D6052, 5 3	M1FS4	DIODE	2	
D6054	D1FL40F4063	DIODE	1	
D6055	M1FS4	DIODE	1	
D6057	D1FL40F4063	DIODE	1	
D6058, 5 9	MA111	DIODE	2	
D6060	MA111	DIODE	1	42 INCH
D6061	MA8100MTX	ZENER DIODE	1	42 INCH
D6062	MA111	DIODE	1	
D6063	MA8051L	ZENER DIODE	1	
D6064	MA111	DIODE	1	
D6065	LNJ301MPUJA	LED	1	
D6066, 6 7	MA8330M	ZENER DIODE	2	
D6068	MA111	DIODE	1	
D6069	LNJ301MPUJA	LED	1	
D6070	MA111	DIODE	1	42 INCH
D6451	M1FS4	DIODE	1	
D6452, 5 3	MA111	DIODE	2	
D6455	MA111	DIODE	1	
D6456	D1FL40F4063	DIODE	1	
D6459	MA111	DIODE	1	
D6460, 6 1	B0HCKS000001	DIODE	2	
D6462	M1FS4	DIODE	1	
D6463	MA8056H	ZENER DIODE	1	
D6464	M1FS4	DIODE	1	
D6465, 6 6	MA8330M	ZENER DIODE	2	
D6467	D1FL40F4063	DIODE	1	
D6468	MA111	DIODE	1	
D6470, 7 1	MA111	DIODE	2	
D6473	MA111	DIODE	1	
D6475	MA111	DIODE	1	
D6476	D1FL40F4063	DIODE	1	
D6477	MA111	DIODE	1	
D6478	B0HCKS000001	DIODE	1	
D6479	MA111	DIODE	1	
D6481, 8 2	MA8330M	ZENER DIODE	2	
D6483- 90	MA8056H	ZENER DIODE	8	
D6491, 9 2	D1FL40F4063	DIODE	2	
D6495	B0HCKS000001	DIODE	1	
D6496	M1FS4	DIODE	1	
D6501, 0 2	MA111	DIODE	2	
D6509	MA111	DIODE	1	
D6511	M1FL20UF4063	DIODE	1	
D6512- 14	MA111	DIODE	3	
D6515	MA8240M	ZENER DIODE	1	
D6516	MA111	DIODE	1	
D6519	MA111	DIODE	1	
D6520	B0JCKG000001	DIODE	1	
D6521	D1FL40F4063	DIODE	1	
D6522	MA111	DIODE	1	
D6523	D1FL40F4063	DIODE	1	
D6524	MA8051L	ZENER DIODE	1	
D6525	MA111	DIODE	1	
D6526	M1FL20UF4063	DIODE	1	
D6527	MA111	DIODE	1	
D6529	M1FS4	DIODE	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D6541	B0HCKS000001	DIODE	1	
D6542	MA111	DIODE	1	
D6543	B0HCKS000001	DIODE	1	
D6544	MA111	DIODE	1	
D6545	MA8051L	ZENER DIODE	1	
D6546- 48	MA8330M	ZENER DIODE	3	
D6549, 5 0	MA111	DIODE	2	
D6551	M1FS4	DIODE	1	
D6552, 5 3	MA111	DIODE	2	
D6554	B0HCKS000001	DIODE	1	
D6570	M1FL20UF4063	DIODE	1	
D6572	D1FL40F4063	DIODE	1	
D6582	MA8051L	ZENER DIODE	1	
D6583	LNJ301MPUJA	LED	1	
D6584	MA111	DIODE	1	
D6585, 8 6	MA8330M	ZENER DIODE	2	
D6611- 14	M1FS4	DIODE	4	
D6615	D1FL40F4063	DIODE	1	
D6616	M1FS4	DIODE	1	
D6620	B0HBSN000009	DIODE	1	
D6621	D1FL40F4063	DIODE	1	
D6622	B0HBSN000009	DIODE	1	
D6623	D1FL40F4063	DIODE	1	
D6624	B0HBSN000009	DIODE	1	
D6629	B0HBSN000009	DIODE	1	
D6635	MA8033L	ZENER DIODE	1	
D6636	MA111	DIODE	1	
D6637	D1FL40F4063	DIODE	1	
D6640	D1FL40F4063	DIODE	1	
D6647	D1FL40F4063	DIODE	1	
D6901- 03	MA8056H	ZENER DIODE	3	
D6905	D1FL40F4063	DIODE	1	
D6909, 1 0	D1FL40F4063	DIODE	2	
D6956, 5 7	MA8056H	ZENER DIODE	2	
D6961, 6 2	D1FL40F4063	DIODE	2	
D7201- 04	MA152K	DIODE	4	42 INCH
D7205, 0 6	MA8056-M	DIODE	2	42 INCH
D8001	MA111	DIODE	1	
D8002	MA111	DIODE	1	PWD7
D8003	MA111	DIODE	1	
D8004	MA111	DIODE	1	PWD7
D8010, 1 1	MA153	DIODE	2	
D8180	MA111	DIODE	1	
D8200	MA3150M	ZENER DIODE	1	
D8201	MA111	DIODE	1	
D8203	MA3100M	ZENER DIODE	1	
D8204	MA111	DIODE	1	
D9000- 09	MA3036H	ZENER DIODE	10	
D9010	MA728	DIODE	1	
D9011, 1 2	MA152	DIODE	2	
D9014	MA152	DIODE	1	
D9016	MA728	DIODE	1	
D9017- 19	MA3033	ZENER DIODE	3	
D9021	MA3033	ZENER DIODE	1	
D9023- 26	MA152K	DIODE	4	
D9201, 0 2	JVCRB051L40T	DIODE	2	
D9251	MA728	DIODE	1	
D9301, 0 2	MA152	DIODE	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
FL3000-10	ELKE103FA	NOISE FILTER	11	
FL3100	ELKE103FA	NOISE FILTER	1	37 INCH
FL3507-09	J0HABB000004	LC FILTER	3	
FL3510-17	TLK212T256AL	EMI FILTER	8	42 INCH
FL7106	ELKE103FA	NOISE FILTER	1	
FL7207-09	ELKE103FA	NOISE FILTER	3	
FL9000, 01	J0HABH000012	LC FILTER	2	
FL9200-08	J0HABH000012	LC FILTER	9	
FL9214	J0HABH000012	LC FILTER	1	
FL9601-03	J0HABH000012	LC FILTER	3	
FL9850	J0MAB0000175	LC FILTER	1	PWD7
FL9851	J0MAB0000175	LC FILTER	1	
FL9860-62	J0HABH000012	LC FILTER	3	
H0	K1KA08A00293	8P CONNECTOR	1	
H1	K1KA80B00034	80P CONNECTOR	2	
H37	TJS3A9640	3P CONNECTOR	2	
HX1	K1KB22A00036	20P CONNECTOR	1	
IC801	C0DAAHG00008	IC	1	
IC802	C0DAAHG00007	IC	1	
IC803	C0DBALH00002	IC	1	
IC910	C5HABZZ00121	IC	1	
IC920	B3PAA0000261	IC	1	△
IC930	AN1431M	LINEAR IC	1	
IC1550	B3L000000020	IC	1	
IC2301, 02	LA4901	IC	2	
IC2304	PQ09SZ1T	IC	1	
IC2401	BH3865S	LINEAR IC	1	
IC3001	MC14052BF	MOS IC (CMOS GATE ARRLY)	1	
IC3001	TC4W53FEL	IC	1	HA
IC3002	C0ABGB000001	IC	1	HB
IC3002	C0JBBR000002	IC	1	
IC3002	S-24C16ADP	ROM IC (EEPROM 16KBIT)	1	HB
IC3003	C0ABGB000001	IC	1	HB
IC3003	CXA1315M	LINEAR IC	1	
IC3004	CXA1875AM	LINEAR IC	1	
IC3005	C1AB00001139	IC	1	
IC3006	CXA1315M	LINEAR IC	1	PWD7
IC3007	AHC2G66HDCTR	INTEGRATED CIRCUIT	1	
IC3101	C1AB00001720	IC	1	
IC3101	PQ07VZ012ZP	IC	1	HB
IC3102	C0DBZLB00001	IC	1	HB
IC3102	C1AB00001720	IC	1	PWD7
IC3103	C1AB00001826	IC	1	
IC3104	PST9128NR	IC (LOGIC)	1	
IC3105	C0JBAZ001834	IC	1	
IC3108	AN78L05M	LINEAR IC	1	PWD7
IC3109	AN78L05M	LINEAR IC	1	
IC3150	C0JBCA000066	IC	1	
IC3201	C3HBKZ000002	IC	1	
IC3251	C0ZBZ0000684	IC	1	
IC3301	MM1065ZMR	LINEAR IC	1	
IC3302	PQ07VZ012ZP	IC	1	
IC3303	AN80L25RMS	IC	1	
IC3304	C0JBBZ000285	IC	1	
IC3305	JLC1562BFEL	IC	1	
IC3502	TVRN304	IC	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC3699	C3EBGC000018	IC	1	
IC6001-	C0ZBZ0000895	IC	3	
IC6004	C0ZBZ0000735	IC	1	
IC6005	NJM2903M	INTEGRATED CIRCUIT	1	
IC6006	C0JBAZ000005	IC	1	
IC6011	AN1431M	LINEAR IC	1	
IC6451	AN1431M	LINEAR IC	1	
IC6452,	AN78L15M	LINEAR IC	2	53
IC6454,	AN78L05M	LINEAR IC	2	55
IC6456	AN1431M	LINEAR IC	1	
IC6458	TLP181	PHOTO COUPLER	1	
IC6467	TLP181	PHOTO COUPLER	1	
IC6469	TLP181	PHOTO COUPLER	1	
IC6471,	AN1431M	LINEAR IC	2	72
IC6474	TLP181	PHOTO COUPLER	1	
IC6480	TLP181	PHOTO COUPLER	1	
IC6491	AN1431M	LINEAR IC	1	
IC6501,	TC74HC14AF	IC	2	02
IC6503-	B3PBA0000191	IC	8	10
IC6511	C0ZBZ0000735	IC	1	
IC6512	AN78L05M	LINEAR IC	1	
IC6517	TLP181	PHOTO COUPLER	1	
IC6521	C0ZBZ0000735	IC	1	
IC6541,	C0ZBZ0000735	IC	2	42
IC6543	AN78L05M	LINEAR IC	1	
IC6581	NJM2903M	INTEGRATED CIRCUIT	1	
IC6601,	C0ZBZ0000895	IC	2	02
IC6605,	C0JBAZ000005	IC	2	06
IC6607	TC74HC08AF	IC	1	
IC6901-	AN16021A-VT	IC	4	04
IC6955-	AN16021A-VT	IC	4	58
IC7101	C0JBAZ001120	IC	1	
IC7104-	C0JBAZ001120	IC	3	06
IC7107	C0DBZGD00039	IC	1	42 INCH
IC7201-	C0JBAZ001120	IC	4	04
IC7205	C0DBZGD00039	IC	1	42 INCH
IC8000	PQ12SZ1T	IC	1	37 INCH
IC8001	MC14052BF	MOS IC (CMOS GATE ARRLY)	1	
IC8002	MC14052BF	MOS IC (CMOS GATE ARRLY)	1	PWD7
IC8003	M52346SP	LINEAR IC	1	
IC8004	M52346SP	LINEAR IC	1	
IC8005	TC74HC14AF	IC	1	
IC8007	TC4W53FEL	IC	1	
IC8008	TC4W53FEL	IC	1	PWD7
IC8009	AHC2G66HDCTR	INTEGRATED CIRCUIT	1	
IC8014	C0ZBZ0000911	IC	1	
IC8016	C0JBAZ001934	IC	1	
IC8100	PQ12SZ1T	IC	1	42 INCH
IC8101	PQ09SZ1T	IC	1	
IC8181	C1DB00000274	IC	1	
IC9000	C0JBAZ000856	IC	1	
IC9001	AHC2G66HDCTR	INTEGRATED CIRCUIT	1	
IC9002	C0JBAE000239	IC	1	
IC9003	MN102H90MTC	IC	1	
IC9004	TVRN344	IC	1	
IC9005	COEBE000447	IC	1	
IC9006	TVRN220	IC	1	
IC9007	C0JBAE000239	IC	1	
IC9010	C0JBAZ002196	IC	1	
IC9200,	C0JBAZ001992	IC	2	01

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC9202	C0CBCBD00008	IC	1	
IC9203	C0ZBZ0000850	IC	1	
IC9204	C0JBAB000550	IC	1	
IC9205	AHC2G66HDCTR	INTEGRATED CIRCUIT	1	
IC9206, 07	C0CBCBD00008	IC	2	PWD7
IC9208	C0FBAD000095	IC	1	PWD7
IC9209	C0DBAMH00014	IC	1	
IC9210	C0DBAMH00013	IC	1	
IC9212	PQ07VZ012ZP	IC	1	
IC9214	PQ07VZ012ZP	IC	1	
IC9500	C1ZBZ0002606	IC	1	
IC9506	TVRN224	IC	1	
IC9601	MN84513-A	IC	1	
IC9602, 03	C3ABPJ000071	IC	2	
IC9700	C0JBAZ000856	IC	1	
IC9701	C1ZBZ0002555	IC	1	
IC9702	C0JBAZ000856	IC	1	
IC9703	PST9128NR	IC (LOGIC)	1	
IC9704	C0ZBZ0000764	IC	1	
IC9706	C0JBAZ000856	IC	1	
IC9850	C0JBAZ000855	IC	1	
IC9860, 61	C0JBAZ001992	IC	2	
IC9862	C0CBCBD00008	IC	1	
IC9863	C0ZBZ0000850	IC	1	
IC9864	C0JBAB000550	IC	1	
IC9865	AHC2G66HDCTR	INTEGRATED CIRCUIT	1	
IC9867, 68	C0CBCBD00008	IC	2	
IC9869	C0FBAD000095	IC	1	
IC9898	C0JBA000246	IC	1	PW7
J1	K1KA20AA0009	20P CONNECTOR	1	
J3	K1KA30AA0009	30P CONNECTOR	1	
J5	K1KA31B00004	31P CONNECTOR	1	
J6	K1KA21B00005	21P CONNECTOR	1	
J8	K1KA20AA0008	20P CONNECTOR	1	
J10	K1KA06A00183	6P CONNECTOR	1	PWD7
J10	K1KA06AA0005	6P CONNECTOR	1	PW7
J11-13	K1KB80B00023	80P CONNECTOR	3	
J14	K1KA22A00067	22P CONNECTOR	1	
JK3001	K1CB106B0027	CONNECTOR	1	HB
JK3001	K1QBB3BB0002	CONNECTOR	1	
JK3002	K1QBB2AB0005	CONNECTOR	1	HB
JK3002	K2HA204B0097	JACK	1	
JK3004	K2HA204B0097	JACK	1	
JK3509	K1FB109B0058	CONNECTOR	1	
JK3511	K1FB115B0034	CONNECTOR	1	
JK3513	K2HC103B0105	JACK	1	
JK8500	K4BC02B00013	TERMINAL	2	
JS2301	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS3001-	ERJ3GEY0R00	M 0 OHM, 1/16W	8	
JS3011-	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
JS3301-	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
JS3308-	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
JS6002	ERD25VOT	M OHM, 1/10W	1	
JS6601	ERD25VOT	M OHM, 1/10W	1	
JS8094-	J0JCC0000100	CHIP INDUCTOR	4	
L801	G1C101ZA0037	INDUCTION COIL	1	
L802	G1C121ZA0037	INDUCTION COIL	1	
L803	G1C680ZA0037	INDUCTION COIL	1	
L912	EXCELSA24	BEAD CHOKE	1	
L930	G0A100GA0013	CHOKE COIL	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L2306	ELJPA100KB	CHIP INDUCTOR	1	
L2330, 3	G0A221ZA0038	CHOKE COIL	2	
L3001	J0HABB000003	LC FILTER	1	HB
L3001	J0HABB000004	LC FILTER	1	
L3002	G1C100K00020	INDUCTION COIL	1	
L3002	J0HABB000004	LC FILTER	1	HA
L3002	J0HABB000004	LC FILTER	1	HB
L3003	G1C100K00020	INDUCTION COIL	1	
L3003	J0HABB000004	LC FILTER	1	HA
L3003	J0HABB000004	LC FILTER	1	HB
L3004	J0HABB000003	LC FILTER	1	
L3005	ERJ3GEY0R00	M 0 OHM, 1/16W	1	HB
L3005	G1C100K00020	INDUCTION COIL	1	
L3005	J0HABB000003	LC FILTER	1	HA
L3006	ELJPA100KB	CHIP INDUCTOR	1	HA
L3006	G1C100K00020	INDUCTION COIL	1	
L3006	J0E8004B0008	LC FILTER	1	HB
L3007	G1C2R2K00006	INDUCTION COIL	1	
L3050	G1C100K00020	INDUCTION COIL	1	
L3051, 5	ELJNA1R5JF	COIL	2	
L3102-	ELJPA100KB	CHIP INDUCTOR	3	
L3201	ELJPA100KB	CHIP INDUCTOR	1	
L3251, 5	ELJPA2R2MF	CHIP INDUCTOR	2	
L3305-	ELKE103FA	NOISE FILTER	4	
L3507-	J0HABB000004	LC FILTER	3	37 INCH
L3510-	TLK212T256AL	EMI FILTER	8	37 INCH
L3526	ELJPA100KB	CHIP INDUCTOR	1	
L3555	ELJPA100KB	CHIP INDUCTOR	1	
L6002-	G0ZZ00002183	PEAKING COIL	3	
L6005	G0C101K00023	PEAKING COIL	1	
L6007-	J0JJJC0000021	CHIP INDUCTOR	4	
L6011-	G0AR60MA0003	CHOKE COIL	3	
L6014	G0A1ROMA0003	CHOKE COIL	1	
L6015	G0A1ROMA0003	CHOKE COIL	1	42 INCH
L6016	G0A1ROMA0003	CHOKE COIL	1	37 INCH
L6017	J0JJJC0000021	CHIP INDUCTOR	1	37 INCH
L6018	J0JJJC0000021	CHIP INDUCTOR	1	
L6019-	G0ZZ00002183	PEAKING COIL	3	
L6022	J0JJJC0000021	CHIP INDUCTOR	1	
L6024-	G0ZZ00002183	PEAKING COIL	4	
L6028-	J0JJJC0000021	CHIP INDUCTOR	5	
L6034-	G0ZZ00002183	PEAKING COIL	4	
L6041-	J0JJJC0000021	CHIP INDUCTOR	3	
L6044, 4	G0ZZ00002183	PEAKING COIL	2	
L6047-	J0JJJC0000021	CHIP INDUCTOR	3	
L6050	G0ZZ00002183	PEAKING COIL	1	
L6051	J0JJJC0000021	CHIP INDUCTOR	1	
L6451	J0JJJC0000021	CHIP INDUCTOR	1	
L6453	J0JJJC0000021	CHIP INDUCTOR	1	
L6471	J0JJJC0000021	CHIP INDUCTOR	1	
L6472	G0ZZ00002183	PEAKING COIL	1	
L6602	G0ZZ00002183	PEAKING COIL	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L6604	G0ZZ00002183	PEAKING COIL	1	
L6606-10	J0JJC0000021	CHIP INDUCTOR	5	
L6611-13	G0AR60MA0003	CHOKE COIL	3	
L6614	G0A1R0MA0003	CHOKE COIL	1	
L6615	G0A1ROMA0003	CHOKE COIL	1	42 INCH
L6616	G0A1ROMA0003	CHOKE COIL	1	37 INCH
L6617-19	J0JJC0000021	CHIP INDUCTOR	3	
L6620,21	G0ZZ00002183	PEAKING COIL	2	
L6622,23	J0JJC0000021	CHIP INDUCTOR	2	
L6624-27	G0ZZ00002183	PEAKING COIL	4	
L6634-37	G0ZZ00002183	PEAKING COIL	4	
L6638	J0JJC0000021	CHIP INDUCTOR	1	
L6641	J0JJC0000021	CHIP INDUCTOR	1	
L6644,45	G0ZZ00002183	PEAKING COIL	2	
L6647-49	J0JJC0000021	CHIP INDUCTOR	3	
L7211-16	J0JHC0000078	CHIP INDUCTOR	6	
L8001	G1C100K00020	INDUCTION COIL	1	PWD7
L8003-05	G1C100K00020	INDUCTION COIL	3	
L8181	G1C100K00020	INDUCTION COIL	1	
L8501	G0A2R5H00003	CHOKE COIL	1	
L8502	G0A2R5H00003	CHOKE COIL	2	
L9200	G1C150MA0078	INDUCTION COIL	1	
L9202	G1C220M00029	INDUCTOR COIL	1	
L9501	G1C150KA0038	INDUCTION COIL	1	
LF901,02	G0B123K00002	CHOKE COIL	2	▲
LF903	G0B353G00001	CHOKE COIL	1	42 INCH ▲
PF1	K1KA03A00181	3P CONNECTOR	1	
PF9	K1KA03A00181	3P CONNECTOR	1	
PF10	K1KA06A00220	6P CONNECTOR	1	
Q930	2SC3311A	TRANSISTOR	1	
Q1540	2SD601A	TRANSISTOR	1	
Q2303	2SD601A	TRANSISTOR	1	
Q2305,06	2SD601A	TRANSISTOR	2	
Q2330,31	2SD1266A	TRANSISTOR	2	
Q2333,34	2SD601A	TRANSISTOR	2	
Q2370	2SB709A	TRANSISTOR	1	
Q2406	2SD601A	TRANSISTOR	1	
Q3001	2SB709A	TRANSISTOR	1	
Q3001,02	2SD601A	TRANSISTOR	1	HA, HB
Q3002	2SD601A	TRANSISTOR	1	
Q3002,02	2SD601A	TRANSISTOR	1	HA, HB
Q3003	2SD601A	TRANSISTOR	1	
Q3004	2SD601A	TRANSISTOR	1	
Q3005	2SD601A	TRANSISTOR	1	
Q3006,07	2SB709A	TRANSISTOR	2	
Q3023	2SD601A	TRANSISTOR	1	
Q3051,52	2SD601A	TRANSISTOR	2	
Q3101,02	2SB709A	TRANSISTOR	1	HB
Q3101	2SD601A	TRANSISTOR	1	
Q3102,02	2SD1030	TRANSISTOR	1	HB
Q3102,03	2SD601A	TRANSISTOR	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q3104,02	2SD1030	TRANSISTOR	1	HB
Q3104-06	2SD601A	TRANSISTOR	3	PWD7
Q3531,2	2SD601A	TRANSISTOR	2	
Q6002-10	B1DEHM00005	TRANSISTOR	9	
Q6011	2SD2185	TRANSISTOR	1	
Q6012	2SB1073001TV	TRANSISTOR	1	
Q6013	2SD2185	TRANSISTOR	1	
Q6014	2SB1073001TV	TRANSISTOR	1	
Q6021,2	2SK389200SRP	FET	2	
Q6023,2	B1DEHM00005	TRANSISTOR	2	
Q6025	2SK620	FET	1	
Q6041,2	2SK373100L	TRANSISTOR	2	
Q6045	2SK326800L	FET	1	
Q6046	2SK373100L	TRANSISTOR	1	
Q6051	2SD1263A	TRANSISTOR	1	
Q6052	2SC1473A	TRANSISTOR	1	
Q6053	2SC1473	TRANSISTOR	1	
Q6055	2SD601A	TRANSISTOR	1	
Q6056	2SD601A	TRANSISTOR	1	42 INCH
Q6451	2SD1263A	TRANSISTOR	1	
Q6454	2SC1473A	TRANSISTOR	1	
Q6461	B1BBCJ00003	TRANSISTOR	1	
Q6462	2SB0709A	TRANSISTOR	1	
Q6463	2SD601A	TRANSISTOR	1	
Q6471	B1BBCJ00003	TRANSISTOR	1	
Q6472	2SB0709A	TRANSISTOR	1	
Q6474	2SD814A	TRANSISTOR	1	
Q6476,7	2SD601A	TRANSISTOR	2	
Q6491	2SD1263A	TRANSISTOR	1	
Q6492	2SC1473A	TRANSISTOR	1	
Q6501-05	2SK620	FET	5	
Q6511,2	B1DFGL00005	TRANSISTOR	2	
Q6520	2SD601A	TRANSISTOR	1	
Q6521	B1DFES00001	TRANSISTOR	1	
Q6522-24	B1DFJM00003	TRANSISTOR	3	
Q6526-29	B1DFJM00003	TRANSISTOR	4	
Q6530	2SB1073001TV	TRANSISTOR	1	
Q6541	2SB1073001TV	TRANSISTOR	1	
Q6542	2SK389500L	FET	1	
Q6544	2SK389500L	FET	1	
Q6546	2SK389500L	FET	1	
Q6548,9	2SK389500L	FET	2	
Q6551	2SD601A	TRANSISTOR	1	
Q6552	B1DFES00001	TRANSISTOR	1	
Q6553	2SB1073001TV	TRANSISTOR	1	
Q6554	2SD2185	TRANSISTOR	1	
Q6555	B1DFES00001	TRANSISTOR	1	
Q6581	2SD601A	TRANSISTOR	1	
Q6583,8	2SK620	FET	2	
Q6602-10	B1DEHM00005	TRANSISTOR	9	
Q6611	2SD2185	TRANSISTOR	1	
Q6612	2SB1073001TV	TRANSISTOR	1	
Q6613	2SD2185	TRANSISTOR	1	
Q6614	2SB1073001TV	TRANSISTOR	1	
Q6621,2	2SK389200SRP	FET	2	
Q6624,2	B1DEHM00005	TRANSISTOR	2	
Q6901	2SK620	FET	1	
Q8001	2SD601A	TRANSISTOR	1	PWD7
Q8002	2SD601A	TRANSISTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q8010	2SD601A	TRANSISTOR	1	
Q8011	2SB709A	TRANSISTOR	1	
Q8012	2SD601A	TRANSISTOR	1	
Q8013	2SB709A	TRANSISTOR	1	
Q8018	2SD601A	TRANSISTOR	1	PWD7
Q8019	2SD601A	TRANSISTOR	1	
Q8181,8 2	2SK2731T146	TRANSISTOR	2	
Q8200- 02	2SD601A	TRANSISTOR	3	
Q9001	2SK2731T146	TRANSISTOR	1	
Q9003,0 4	2SD601A-R	TRANSISTOR	2	
Q9006- 09	2SD601A-R	TRANSISTOR	4	
Q9010	2SB709A-R	TRANSISTOR	1	
Q9011	2SD601A-R	TRANSISTOR	1	
Q9012	2SB709A-R	TRANSISTOR	1	
Q9013- 15	2SD601A-R	TRANSISTOR	3	
Q9016	2SB709A-R	TRANSISTOR	1	
Q9017,1 8	2SD601A-R	TRANSISTOR	2	
Q9019	2SK2731T146	TRANSISTOR	1	
Q9261- 63	2SD601A-R	TRANSISTOR	3	
Q9301- 03	2SD601A-R	TRANSISTOR	3	
Q9700,0 1	2SD601A-R	TRANSISTOR	2	
R803	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R805	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R806,07	ERJ6ENF15R0	M 15 OHM, 1/10W	2	
R808	ERJ6GEYJ470	M 47 OHM, J, 1/10W	1	
R809	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R810	ERJ6ENF5100	M 510 OHM, 1/10W	1	
R901,02	ERC12ZGK105	S 1MOHM, K, 1/2W	2	▲
R903,04	ERF7TK3R3	W 3.3 OHM, K, 7W	2	
R912,13	ERG2FJS104D	M 100KOHM, J, 2W	2	
R914	ERG2FJS100D	M 10 OHM, J, 2W	1	
R915	ERG1FJS104D	M 100KOHM, J, 1W	1	
R918	ERX12SJR82	M 0.82 OHM, J, 1/2W	1	
R919	ERX12SJR10	M 0.1 OHM, J, 1/2W	1	
R920	ERDS1FJ331	C 330 OHM, J, 1/2W	1	
R921	ERDS1FJ150	C 15 OHM, J, 1/2W	1	
R922	ERDS1FJ102	C 1KOHM, J, 1/2W	1	
R923	ERJ6GEYJ104	M 100KOHM, J, 1/10W	1	
R924	ERJ6GEYJ223	M 22KOHM, J, 1/10W	1	
R925	ERJ6GEYJ102	M 1KOHM, J, 1/10W	1	
R927	ERJ6GEYJ683	M 68KOHM, J, 1/10W	1	
R930	ERJ6GEYJ681	M 680 OHM, J, 1/10W	1	
R931	ERJ6GEYJ471	M 470 OHM, J, 1/10W	1	
R932	ERJ6ENF2402	M 24KOHM, 1/10W	1	
R933	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R934	ERJ6ENF2202	M 2.2KOHM, 1/10W	1	
R935	ERJ6GEYJ473	M 47KOHM, J, 1/10W	1	
R936	ERJ6GEYJ682	M 6.8KOHM, J, 1/10W	1	
R937	ERJ6GEYJ683	M 68KOHM, J, 1/10W	1	
R938-42	ERJ6GEYJ682	M 6.8KOHM, J, 1/10W	5	
R1500	ERJ6GEYJ102	M 1KOHM, J, 1/10W	1	
R1510	ERJ3GEYF222	M 2.2KOHM, 1/16W	1	
R1511	ERJ3GEYF302	M 3.0KOHM, 1/16W	1	
R1512	ERJ3GEYF472	M 4.7KOHM, 1/16W	1	
R1513	ERJ3GEYF822	M 8.2KOHM, J, 1/16W	1	
R1550	ERJ6GEYJ102	M 1KOHM, J, 1/10W	1	
R1551	ERJ6GEYJ470	M 47 OHM, J, 1/10W	1	
R1552	ERJ6GEYJ224	M 220KOHM, J, 1/10W	1	
R1553	ERJ6GEYJ471	M 470 OHM, J, 1/10W	1	
R1554	ERJ6GEYJ271	M 270 OHM, J, 1/10W	1	
R1555,5 6	TAJAAH0470JV	M 47 OHM, J, 1/16W	2	
R2301	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	1	
R2304	ERJ6GEYJ473	M 47KOHM, J, 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2305,0 6	ERJ6GEYJ223	M 22KOHM, J, 1/10W	2	
R2309	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	1	
R2310	ERJ6GEYJ562	M 5.6KOHM, J, 1/10W	1	
R2332	ERJ6GEYJ182	M 1.8KOHM, J, 1/10W	1	
R2333	ERJ6GEYJ471	M 470 OHM, J, 1/10W	1	
R2346	ERJ6GEYJ123	M 12KOHM, J, 1/10W	1	
R2347	ERJ6GEYJ473	M 47KOHM, J, 1/10W	1	
R2348	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R2350	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	1	
R2351- 54	ERJ6GEYJ103	M 10KOHM, J, 1/10W	4	
R2355- 60	ERDS1FJ2R2	C 2.2 OHM, J, 1/2W	6	
R2365,6 6	ERX1FJSR56D	M 0.56 OHM, J, 1W	2	
R2367	ERJ6GEYJ332	M 3.3KOHM, J, 1/10W	1	
R2368,6 9	ERJ6GEYJ103	M 10KOHM, J, 1/10W	2	
R2370	ERJ6GEYJ222	M 2.2KOHM, J, 1/10W	1	
R2371,7 2	ERJ6GEYJ102	M 1KOHM, J, 1/10W	2	
R2373	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R2431	ERJ6GEYJ123	M 12KOHM, J, 1/10W	1	
R2434	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	1	
R2439	ERJ6GEYJ563	M 56KOHM, J, 1/10W	1	
R2440	ERJ6GEYOR00	M 0 OHM, 1/10W	1	
R2441	ERJ6GEYJ123	M 12KOHM, J, 1/10W	1	
R2445	ERJ6GEYOR00	M 0 OHM, 1/10W	1	
R2448	ERJ6GEYJ102	M 1KOHM, J, 1/10W	1	
R2450	ERJ6GEYJ563	M 56KOHM, J, 1/10W	1	
R2452	ERJ6GEYJ473	M 47KOHM, J, 1/10W	1	
R2453	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R2456	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R2460	ERJ6ENF1802	M 18KOHM, 1/10W	1	
R2461,6 2	ERJ6GEYJ101	M 100 OHM, J, 1/10W	2	
R2463	ERJ6ENF1502	M 15KOHM, 1/10W	1	
R2466	ERJ6GEYJ104	M 100KOHM, J, 1/10W	1	
R2467	ERJ6GEYJ224	M 220KOHM, J, 1/10W	1	
R2468	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	1	
R2469	ERJ6GEYJ104	M 100KOHM, J, 1/10W	1	
R2470	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	1	
R2471	ERJ6GEYJ182	M 1.8KOHM, J, 1/10W	1	
R2472	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	1	
R2473	ERJ6GEYJ182	M 1.8KOHM, J, 1/10W	1	
R2476,7 7	ERJ6GEYJ220	M 22 OHM, J, 1/10W	2	
R2485- 91	ERJ6GEYOR00	M 0 OHM, 1/10W	7	
R2494,9 5	ERJ6GEYOR00	M 0 OHM, 1/10W	2	
R3001	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R3001 02	ERJ6ENF75R0	M 75 OHM, 1/10W	1	HB
R3002	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	
R3002 02	ERJ6ENF75R0	M 75 OHM, 1/10W	1	HB
R3003 02	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	HB
R3003	ERJ3GEYJ473	M 47KOHM, J, 1/16W	1	
R3004 03	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R3004 03	ERJ6ENF75R0	M 75 OHM, 1/10W	1	HB
R3004 02	ERJ6GEYJ184	M 180KOHM, J, 1/10W	1	HA
R3005 03	ERJ6ENF75R0	M 75 OHM, 1/10W	1	HB
R3005 02	ERJ6GEYJ184	M 180KOHM, J, 1/10W	1	HA
R3005	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	1	
R3006 03	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	HB
R3006 02	TAJAAH0101JV	M 100 OHM, J, 1/16W	1	HA
R3007	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3007 03	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	HB
R3007 02	TAJAAH0101JV	M 100 OHM,J,1/16W	1	HA
R3008	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3008 02	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	HB
R3009	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3009 02	TAJAAH0101JV	M 100 OHM,J,1/16W	1	HB
R3010	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3010 02	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	HB
R3011 02	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	HB
R3011	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
R3012 02	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	HB
R3012	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R3013	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
R3013 02	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	HB
R3014 02	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	HA
R3014 03	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	HB
R3014	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R3015 02	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	HA
R3015 03	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	HB
R3015	J0JCC0000100	CHIP INDUCTOR	1	
R3016 02	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	HA
R3016	J0JCC0000100	CHIP INDUCTOR	1	42 INCH
R3016 03	TAJAAH0101JV	M 100 OHM,J,1/16W	1	HB
R3017 02	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	HA
R3017	J0JCC0000100	CHIP INDUCTOR	1	
R3017 03	TAJAAH0101JV	M 100 OHM,J,1/16W	1	HB
R3018	J0JCC0000100	CHIP INDUCTOR	1	
R3018 02	TAJAAH0101JV	M 100 OHM,J,1/16W	1	HA
R3018 03	TAJAAH0101JV	M 100 OHM,J,1/16W	1	HB
R3019 03	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	HB
R3019	J0JCC0000100	CHIP INDUCTOR	1	42 INCH
R3019 02	TAJAAH0101JV	M 100 OHM,J,1/16W	1	HA
R3020 02	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	HB
R3020	J0JCC0000100	CHIP INDUCTOR	1	
R3021 02	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	HB
R3021	J0JCC0000100	CHIP INDUCTOR	1	
R3022 02	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	HA
R3022	J0JCC0000100	CHIP INDUCTOR	1	
R3022 03	TAJAAH0101JV	M 100 OHM,J,1/16W	1	HB
R3023	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3023 02	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	HA
R3023 03	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	HB
R3024	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3024 02	TAJAAH0101JV	M 100 OHM,J,1/16W	1	HB
R3025	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3025 02	TAJAAH0101JV	M 100 OHM,J,1/16W	1	HA
R3025 03	TAJAAH0101JV	M 100 OHM,J,1/16W	1	HB
R3026	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3026 03	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	HB

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3026 02	TAJAAH0101JV	M 100 OHM,J,1/16W	1	HA
R3027 02	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	HA
R3027 ,2	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R3028 02	TAJAAH0101JV	M 100 OHM,J,1/16W	1	HB
R3029 02	ERJ3EKF2200	M 220 OHM, 1/16W	1	HB
R3029	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3030 02	ERJ3EKF3900	M 390 OHM, 1/16W	1	HB
R3030	J0JCC0000100	CHIP INDUCTOR	1	
R3031 02	ERJ3EKF4700	M 470 OHM, 1/16W	1	HB
R3031	J0JCC0000100	CHIP INDUCTOR	1	
R3032 02	ERJ3EKF1200	M 120 OHM, 1/16W	1	HB
R3032 ,3	J0JCC0000100	CHIP INDUCTOR	2	
R3033 02	TAJAAH0101JV	M 100 OHM,J,1/16W	1	HB
R3034	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R3035 02	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	HB
R3035	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R3036 02	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	HA
R3036	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R3036 03	ERJ6ENF1800	M 180 OHM, 1/10W	1	HB
R3037 03	ERJ3EKF2200	M 220 OHM, 1/16W	1	HB
R3037	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	HA
R3037	J0JCC0000100	CHIP INDUCTOR	1	
R3038 02	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	HB
R3038	J0JCC0000100	CHIP INDUCTOR	1	
R3039	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R3040 02	ERJ3EKE3300	M 330 OHM, 1/16W	1	HB
R3040	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R3041 03	ERJ3EKF1800	M 180 OHM, 1/16W	1	HB
R3041	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R3041 02	ERJ6GEY0R00	M 0 OHM, 1/10W	1	HA
R3042 03	ERJ3EKF6801	M 6.8KOHM, 1/16W	1	HB
R3042 02	ERJ6GEY0R00	M 0 OHM, 1/10W	1	HA
R3042	J0JCC0000100	CHIP INDUCTOR	1	
R3043 02	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	HA
R3043	J0JCC0000100	CHIP INDUCTOR	1	
R3044	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3045	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3046	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3046 02	TAJAAH0101JV	M 100 OHM,J,1/16W	1	HA
R3047 02	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	HA
R3047	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3048	ERJ3GEYJ334	M 330KOHM,J,1/16W	1	
R3048 02	TAJAAH0101JV	M 100 OHM,J,1/16W	1	HA
R3049 02	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	HA
R3049	ERJ3GEYJ334	M 330KOHM,J,1/16W	1	
R3050 02	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	42 INCH
R3050	ERJ6ENF75R0	M 75 OHM, 1/10W	1	HA
R3051 02	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	HA
R3051	ERJ3GEYJ334	M 330KOHM,J,1/16W	1	
R3052 02	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	HA

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3052	ERJ3GEYJ334	M 330KOHM,J,1/16W	1	
R3053 02	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	HA
R3053	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R3054 02	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	HA
R3054	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R3055 02	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	HA
R3055	ERJ3GEYJ334	M 330KOHM,J,1/16W	1	
R3056 02	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	HA
R3056	ERJ3GEYJ334	M 330KOHM,J,1/16W	1	
R3057	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R3057 02	TAJAAH0101JV	M 100 OHM,J,1/16W	1	HA
R3058	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R3058 02	TAJAAH0101JV	M 100 OHM,J,1/16W	1	HA
R3059	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	42 INCH
R3060	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3060 02	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	HA
R3061 02	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	HA
R3061	J0JCC0000100	CHIP INDUCTOR	1	
R3062 02	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	HA
R3062	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3063	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3064	ERJ6GEYJ560	M 56 OHM,J,1/10W	1	
R3065 02	ERJ6GEY0R00	M 0 OHM, 1/10W	1	HA
R3065,6	ERJ6GEYJ560	M 56 OHM,J,1/10W	2	
R3067- 69	ERJ6GEYJ560	M 56 OHM,J,1/10W	3	42 INCH
R3070- 72	ERJ6ENF75R0	M 75 OHM, 1/10W	3	
R3073- 75	ERJ6ENF75R0	M 75 OHM, 1/10W	3	42 INCH
R3076- 81	ERJ6GEYJ560	M 56 OHM,J,1/10W	6	
R3082	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3083	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	PWD7
R3084,8 5	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	PWD7
R3086,8 7	J0JCC0000100	CHIP INDUCTOR	2	PWD7
R3088- 93	ERJ6ENF75R0	M 75 OHM, 1/10W	6	
R3094- 96	ERJ3GEYJ331	M 330 OHM,J,1/16W	3	PWD7
R3097,9 8	J0JCC0000100	CHIP INDUCTOR	2	PWD7
R3099,0	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	PWD7
R3101 02	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	HA
R3101	ERJ6ENF1800	M 180 OHM, 1/10W	1	
R3102 02	ERJ3GEY0R00	M 0 OHM, 1/16W	1	HA
R3102,0 3	ERJ6ENF1800	M 180 OHM, 1/10W	2	
R3104 02	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	HA
R3104,0 5	ERJ6ENF1800	M 180 OHM, 1/10W	2	
R3106 02	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	HA
R3106	ERJ6ENF1800	M 180 OHM, 1/10W	1	
R3107	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	PWD7
R3107 02	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	HA
R3108 02	ERJ3GEY0R00	M 0 OHM, 1/16W	1	HA
R3108	J0JCC0000100	CHIP INDUCTOR	1	PWD7
R3109	ERJ6ENF8200	M 820 OHM, 1/10W	1	PWD7
R3110	ERJ6ENF4701	M 4.7KOHM, 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3111	ERJ6ENF1501	M 1.5KOHM, 1/10W	1	
R3112 02	ERJ3EKF1501	M 1.5KOHM, 1/16W	1	HA
R3112	ERJ6ENF4701	M 4.7KOHM, 1/10W	1	PWD7
R3113 02	ERJ3EKF1501	M 1.5KOHM, 1/16W	1	HA
R3113	ERJ6ENF1501	M 1.5KOHM, 1/10W	1	PWD7
R3114	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3115	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3116	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3116 02	ERJ6GEYR00	M 0 OHM, 1/10W	1	HA
R3117 02	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	HA
R3117	J0JCC0000100	CHIP INDUCTOR	1	
R3118 02	ERJ3GEY0R00	M 0 OHM, 1/16W	1	HA
R3118	ERJ6ENF8200	M 820 OHM, 1/10W	1	
R3119	ERJ3GEYJ121	M 120 OHM,J,1/16W	1	
R3120	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3121	ERJ3GEYJ121	M 120 OHM,J,1/16W	1	
R3122	ERJ3EKF8201	M 8.2KOHM, 1/16W	1	
R3123	ERJ3EKF1502	M 15KOHM, 1/16W	1	
R3124	ERJ3EKF10R0	M 10 OHM, 1/16W	1	
R3125	ERJ3GEYR00	M 0 OHM, 1/16W	1	
R3126	J0JCC0000100	CHIP INDUCTOR	1	
R3127 02	ERJ6ENF12R0	M 12 OHM, 1/10W	1	HA
R3127	J0JCC0000100	CHIP INDUCTOR	1	PWD7
R3128,2 9	ERJ3GEYJ181	M 180 OHM,J,1/16W	2	
R3129 02	ERJ6ENF12R0	M 12 OHM, 1/10W	1	HA
R3130	ERJ3GEYJ181	M 180 OHM,J,1/16W	1	
R3131	ERJ3GEYJ181	M 180 OHM,J,1/16W	1	PWD7
R3131 02	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	HA
R3132,3 3	ERJ3GEYJ181	M 180 OHM,J,1/16W	2	PWD7
R3135	ERJ6ENF10R0	M 10 OHM, 1/10W	1	
R3136- 39	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R3140 02	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	HA
R3140	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R3141 02	ERJ3GEY0R00	M 0 OHM, 1/16W	1	HA
R3141	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R3142,4 3	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R3144,4 5	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R3148,4 9	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R3150,5 1	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R3151 02	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	HA
R3152	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	
R3153	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3154,5 5	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R3156	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	
R3157	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3158	ERJ3GEYJ182	M 1.8KOHM,J,1/16W	1	
R3159	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3160 02	ERJ3EKF2701	M 2.7KOHM, 1/16W	1	HA
R3160	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R3161 02	ERJ3EKF2701	M 2.7KOHM, 1/16W	1	HA
R3161	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R3162 02	ERJ3EKF2701	M 2.7KOHM, 1/16W	1	HA
R3162	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	PWD7
R3163 02	ERJ3EKF2701	M 2.7KOHM, 1/16W	1	HA

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3163	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3164-67	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R3168	ERJ3EKF2000	M 200 OHM, 1/16W	1	
R3169-72	ERJ6ENF75R0	M 75 OHM, 1/10W	4	
R3173	ERJ3EKF2200	M 220 OHM, 1/16W	1	
R3174	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3177	ERJ3EKF1401	M 1.4KOHM, 1/16W	1	
R3178	ERJ3EKF1101	M 1.1KOHM, 1/16W	1	
R3179	ERJ3EKF1401	M 1.4KOHM, 1/16W	1	
R3180	ERJ3EKF1101	M 1.1KOHM, 1/16W	1	
R3181	ERJ3EKF1401	M 1.4KOHM, 1/16W	1	
R3182	ERJ3EKF1101	M 1.1KOHM, 1/16W	1	
R3183	ERJ3EKF1401	M 1.4KOHM, 1/16W	1	
R3184	ERJ3EKF1101	M 1.1KOHM, 1/16W	1	
R3185	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3188	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3189-02	ERJ3GEY0R00	M 0 OHM, 1/16W	1	HA
R3189,90	ERJ6ENF75R0	M 75 OHM, 1/10W	2	
R3191	ERJ14YJ330	M 33 OHM, J,1/4W	1	
R3192	ERJ14YJ330	M 33 OHM, J,1/4W	1	PWD7
R3192-02	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	HA
R3193	ERJ14YJ330	M 33 OHM, J,1/4W	1	
R3193-02	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	HA
R3194	ERJ14YJ330	M 33 OHM, J,1/4W	1	
R3195-02	ERJ3GEY0R00	M 0 OHM, 1/16W	1	HA
R3195,96	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R3197,98	ERJ3GEYJ123	M 12KOHM,J,1/16W	2	
R3199-04	ERJ6ENF1800	M 180 OHM, 1/10W	6	PWD7
R3210,11	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R3212-15	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	4	
R3216-19	ERJ6GEYJ3R3	M 3.3KOHM,J,1/10W	4	
R3230,31	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R3251	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R3252	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3253	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R3254,55	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R3260-62	ERJ6ENF75R0	M 75 OHM, 1/10W	3	PWD7
R3300,01	ERJ3EKF1501	M 1.5KOHM, 1/16W	2	
R3302	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R3303,04	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R3305	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3307	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3308,09	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R3313	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R3314,15	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R3319	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R3337,38	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R3400	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R3508,09	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R3510,11	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R3529,30	ERJ6GEYJ184	M 180KOHM,J,1/10W	2	
R3547,48	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3585,86	ERJ6GEYJ560	M 56 OHM,J,1/10W	2	
R3589	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R3590	ERJ6GEYJ560	M 56 OHM,J,1/10W	1	
R3591-93	ERJ6GEY0R00	M 0 OHM, 1/10W	3	
R3653	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R3654	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R3655	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R3656	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R3663,64	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R3668	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3672	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3776,77	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R3778	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R3790,91	ERJ6GEY0R00	M 0 OHM, 1/10W	2	42 INCH
R3790,91	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	37 INCH
R6001	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6002-05	ERJ6GEYJ151	M 150 OHM,J,1/10W	4	
R6006,07	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6008,09	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R6013-16	ERJ6GEYJ100	M 10 OHM,J,1/10W	4	
R6019-22	ERJ6GEYJ470	M 47 OHM,J,1/10W	4	
R6023	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6024	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6025	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6026	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6027,28	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R6029-31	ERJ6GEYJ103	M 10KOHM,J,1/10W	3	
R6033	ERJ14YJ204	M 200KOHM, J,1/4W	1	
R6036-39	ERJ12YJ1R0	M 1 OHM, J,1/2W	4	
R6041,42	ERJ6GEYJ100	M 10 OHM,J,1/10W	2	
R6043,44	ERJ12YJ220	M 22 OHM,J, 1/2W	2	
R6045	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6047-52	ERJ6GEYJ100	M 10 OHM,J,1/10W	6	
R6055	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6056	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6057	ERG1FJS470D	M 47 OHM, J, 1W	1	
R6059,60	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R6062-64	ERJ6GEYJ224	M 220KOHM,J,1/10W	3	
R6065	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6066	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R6067	ERG1FJS472D	M 4.7KOHM, J, 1W	1	
R6068	ERG2FJS123D	M 12KOHM, J, 2W	1	
R6069,70	ERJ6GEYJ223	M 22KOHM,J,1/10W	2	
R6071	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6073	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R6074	ERJ6GEYJ243	M 24KOHM,J,1/10W	1	
R6076	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6077,78	ERX3FJSR22D	M 2.2 OHM, J, 3W	2	
R6079,80	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6081	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6082,83	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R6084	ERJ14YJ224	M 220KOHM, J,1/4W	1	
R6085,86	ERJ6GEYJ470	M 47 OHM,J,1/10W	2	
R6087	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6088	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R6089	ERJ6GEYJ102	M 1KOHM, J, 1/10W	1	
R6090	ERJ14YJ181U	M 181 OHM, J, 1/4W	1	42 INCH
R6091	ERJ6GEYJ102	M 1KOHM, J, 1/10W	1	42 INCH
R6092	ERJ6GEYJ151	M 150 OHM, J, 1/10W	1	
R6101-03	ERJ3GEYJ471	M 470 OHM, J, 1/16W	3	
R6104-06	ERJ3GEYJ473	M 47KOHM, J, 1/16W	3	
R6107-09	ERJ3GEYJ471	M 470 OHM, J, 1/16W	3	
R6110-12	ERJ3GEYJ473	M 47KOHM, J, 1/16W	3	
R6118,19	ERJ6ENF3902	M 39KOHM, 1/10W	2	
R6120	ERJ6ENF7501	M 7.5KOHM, 1/10W	1	
R6121	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R6123	ERJ6GEYJ152	M 1.5KOHM, J, 1/10W	1	
R6124	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R6125	ERJ6GEYJ222	M 2.2KOHM, J, 1/10W	1	
R6126	ERJ6GEYJ152	M 1.5KOHM, J, 1/10W	1	
R6127	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	
R6128-31	ERJ6GEYJ100	M 10 OHM, J, 1/10W	4	
R6431	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6433	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6437,38	ERJ6GEYJ100	M 10 OHM, J, 1/10W	2	
R6439,40	ERJ6GEYJ103	M 10KOHM, J, 1/10W	2	
R6451	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R6454,55	ERJ14YJ103	M 10KOHM, J, 1/4W	2	
R6456	ERJ6ENF1183	M 118KOHM, 1/10W	1	
R6457,58	ERJ6ENF2551	M 2.55KOHM, 1/10W	2	
R6459	ERJ14YJ104	M 100KOHM, J, 1/4W	1	
R6460	ERJ6GEYJ682	M 6.8KOHM, J, 1/10W	1	
R6461	ERG1FJS471D	M 470 OHM, J, 1W	1	
R6463	ERJ6GEYJ102	M 1KOHM, J, 1/10W	1	
R6464	ERJ6GEYJ222	M 2.2KOHM, J, 1/10W	1	
R6465	ERX2FJS8R2D	M 8.2 OHM, J, 2W	1	
R6466	ERJ6GEYJ102	M 1KOHM, J, 1/10W	1	
R6467	ERJ6GEYJ122	M 1.2KOHM, J, 1/10W	1	
R6468	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	1	
R6469	ERJ6ENF1602	M 16KOHM, 1/10W	1	
R6470	ERJ6GEYJ562	M 5.6KOHM, J, 1/10W	1	
R6471	ERJ6ENF4701	M 4.7KOHM, 1/10W	1	
R6472	ERJ6GEYJ102	M 1KOHM, J, 1/10W	1	
R6473	ERJ6GEYJ223	M 22KOHM, J, 1/10W	1	
R6474	ERG1FJS121D	M 120 OHM, J, 1W	1	
R6475	ERJ6GEYJ332	M 3.3KOHM, J, 1/10W	1	
R6476	ERJ6ENF2743	M 274KOHM, 1/10W	1	
R6477	ERJ6GEYJ682	M 6.8KOHM, J, 1/10W	1	
R6478	ERJ6ENF6981	M 6.98KOHM, 1/10W	1	
R6479	ERJ6GEYJ104	M 100KOHM, J, 1/10W	1	
R6480	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R6481	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R6482	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	1	
R6483	ERJ14YJ622	M 62KOHM, J, 1/4W	1	
R6484	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	1	
R6485,6	ERJ6GEYJ103	M 10KOHM, J, 1/10W	2	
R6487	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	1	
R6488	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R6489	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	1	
R6491	ERJ6GEYJ104	M 100KOHM, J, 1/10W	1	
R6492	ERJ6ENF2403	M 240KOHM, 1/10W	1	
R6493	ERJ6ENF2203	M 220KOHM, 1/10W	1	
R6497	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R6498,9	ERX1FJS8R2D	M 8.2 OHM, J, 1W	2	
R6500	ERJ6GEYJ122	M 1.2KOHM, J, 1/10W	1	
R6501-09	ERJ6GEYJ222	M 2.2KOHM, J, 1/10W	9	
R6510	ERX3FJS2R2D	M 2.2 OHM, J, 3W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6511	ERJ6GEYJ100	M 10 OHM, J, 1/10W	1	
R6512	ERJ6GEYJ471	M 470 OHM, J, 1/10W	1	
R6513	ERX3FJS2R2D	M 2.2 OHM, J, 3W	1	
R6514	ERJ6GEYJ104	M 100KOHM, J, 1/10W	1	
R6515	ERJ6GEYJ100	M 10 OHM, J, 1/10W	1	
R6516	ERJ6GEYJ471	M 470 OHM, J, 1/10W	1	
R6517	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R6518	TAJAAH0101JV	M 100 OHM, J, 1/16W	1	
R6519	ERJ6GEYJ102	M 1KOHM, J, 1/10W	1	
R6520	ERJ6GEYJ151	M 150 OHM, J, 1/10W	1	
R6521	ERJ6GEYJ104	M 100KOHM, J, 1/10W	1	
R6522	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6524	ERJ6ENF2001	M 2KOHM, 1/10W	1	
R6525	ERJ6GEYJ104	M 100KOHM, J, 1/10W	1	
R6526	ERJ6GEYJ470	M 47 OHM, J, 1/10W	1	
R6527	ERJ14YJ102	M 1KOHM, J, 1/4W	1	
R6528	ERJ6GEYJ102	M 1KOHM, J, 1/10W	1	
R6529-32	ERJ6GEYJ470	M 47 OHM, J, 1/10W	4	
R6534-37	ERJ6GEYJ470	M 47 OHM, J, 1/10W	4	
R6538	ERJ6GEYJ102	M 1KOHM, J, 1/10W	1	
R6539	TAJAAH0101JV	M 100 OHM, J, 1/16W	1	
R6540	ERJ6GEYJ104	M 100KOHM, J, 1/10W	1	
R6541	ERJ6GEYJ470	M 47 OHM, J, 1/10W	1	
R6542	ERJ6GEYJ100	M 10 OHM, J, 1/10W	1	
R6544	ERJ6GEYJ100	M 10 OHM, J, 1/10W	1	
R6546	ERJ6GEYJ100	M 10 OHM, J, 1/10W	1	
R6548,49	ERJ6GEYJ100	M 10 OHM, J, 1/10W	2	
R6550	ERJ6GEYJ223	M 22KOHM, J, 1/10W	1	
R6551	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	
R6552,5	ERJ6ENF1003	M 100KOHM, 1/10W	2	
R6554	ERG1FJS101D	M 100 OHM, J, 1W	1	
R6555	ERJ6GEYJ104	M 100KOHM, J, 1/10W	1	
R6556	ERJ6GEYJ182	M 1.8KOHM, J, 1/10W	1	
R6558	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R6559	ERJ6GEYJ222	M 2.2KOHM, J, 1/10W	1	
R6560,61	ERJ6GEYJ470	M 47 OHM, J, 1/10W	2	
R6562	ERJ6GEYJ102	M 1KOHM, J, 1/10W	1	
R6563	ERJ6GEYJ5R6	M 5.6 OHM, J, 1/10W	1	
R6565	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R6566	TAJAAH0101JV	M 100 OHM, J, 1/16W	1	
R6567,68	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	2	
R6570	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R6571-78	ERJ6GEYJ471	M 470 OHM, J, 1/10W	8	
R6580	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R6581	TAJAAH0101JV	M 100 OHM, J, 1/16W	1	
R6582,83	ERJ6ENF3902	M 39KOHM, 1/10W	2	
R6584	ERJ6ENF7501	M 7.5KOHM, 1/10W	1	
R6585	ERJ6GEYJ102	M 1KOHM, J, 1/10W	1	
R6586	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R6587	ERJ6GEYJ152	M 1.5KOHM, J, 1/10W	1	
R6588,89	ERJ6GEYJ103	M 10KOHM, J, 1/10W	2	
R6590	ERJ6GEYJ222	M 2.2KOHM, J, 1/10W	1	
R6591	ERJ6GEYJ152	M 1.5KOHM, J, 1/10W	1	
R6592,93	ERJ6GEYJ105	M 1MOHM, J, 1/10W	2	
R6594	ERJ6GEYJ104	M 100KOHM, J, 1/10W	1	
R6595	ERJ6ENF1432	M 14.3KOHM, 1/10W	1	
R6596	ERJ6ENF5231	M 5.23KOHM, 1/10W	1	
R6599,0	ERJ6GEYJ101	M 100 OHM, J, 1/10W	2	
R6603	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R6604	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	
R6605-07	ERJ6GEYJ224	M 220KOHM, J, 1/10W	3	
R6608,09	ERJ12YJ1R0	M 1 OHM, J, 1/2W	2	
R6610	ERJ6GEYJ104	M 100KOHM, J, 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6613,14	ERJ6GEYJ100	M 10 OHM,J,1/10W	2	
R6615	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R6616	ERDS1FJ221	C 220 OHM, J,1/2W	1	
R6617,18	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	2	
R6619,20	ERJ6GEYJ470	M 47 OHM,J,1/10W	2	
R6621	ERJ6ENF1543	M 154KOHM, 1/10W	1	
R6622,23	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6624	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6625	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6626	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6627,28	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R6629	ERJ6ENF2202	M 2.2KOHM, 1/10W	1	
R6630	ERJ14YJ204	M 200KOHM, J,1/4W	1	
R6636-39	ERJ12YJ1R0	M 1 OHM, J,1/2W	4	
R6641,42	ERJ6GEYJ100	M 10 OHM,J,1/10W	2	
R6643,44	ERJ12YJ220	M 22 OHM,J, 1/2W	2	
R6645,46	ERJ6GEYJ151	M 150 OHM,J,1/10W	2	
R6647,48	ERJ6GEYJ100	M 10 OHM,J,1/10W	2	
R6649-54	ERJ6GEYJ680	M 68 OHM,J,1/10W	6	
R6655	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6656	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6658	ERJ3GEYOR00	M 0 OHM, 1/16W	1	
R6659,60	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R6661,62	ERJ6GEYJ151	M 150 OHM,J,1/10W	2	
R6663	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R6664	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R6665,66	ERJ6GEYJ680	M 68 OHM,J,1/10W	2	
R6667,68	ERJ6GEYJ151	M 150 OHM,J,1/10W	2	
R6669	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R6670	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R6675	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R6676	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R6678,79	ERJ3GEYJ471	M 470 OHM,J,1/16W	2	
R6680,81	ERJ3GEYJ473	M 47KOHM,J,1/16W	2	
R6682-85	ERJ3GEYJ471	M 470 OHM,J,1/16W	4	
R6686-89	ERJ3GEYJ473	M 47KOHM,J,1/16W	4	
R6690,91	ERJ3GEYJ471	M 470 OHM,J,1/16W	2	
R6692,93	ERJ3GEYJ473	M 47KOHM,J,1/16W	2	
R6694,95	ERJ3GEYJ471	M 470 OHM,J,1/16W	2	
R6696	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6697,98	ERJ3GEYJ473	M 47KOHM,J,1/16W	2	
R6699	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6851,52	ERJ6GEYJ100	M 10 OHM,J,1/10W	2	
R6855-57	ERJ6GEYJ470	M 47 OHM,J,1/10W	3	
R6859-64	ERJ6GEYJ100	M 10 OHM,J,1/10W	6	
R6901	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6902-04	ERJ6GEYJ221	M 220 OHM,J,1/10W	3	
R6910,11	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R6912	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6913	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6920-23	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R6924	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R6955	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6956-58	ERJ6GEYJ221	M 220 OHM,J,1/10W	3	
R6959	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R6975-78	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R6979	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R7102,03	ERJ14YJ220	M 22 OHM, J,1/4W	2	
R7106,07	ERJ14YJ220	M 22 OHM, J,1/4W	2	
R7110,11	ERJ14YJ220	M 22 OHM, J,1/4W	2	
R7117	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R7125	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7126-28	TAJAAH0470JV	M 47 OHM,J,1/16W	3	
R7130	ERJ3GEYOR00	M 0 OHM, 1/16W	1	
R7132	ERJ3GEYOR00	M 0 OHM, 1/16W	1	
R7136-41	ERJ14YJ220	M 22 OHM, J,1/4W	6	
R7142	EXB38V101J	RESISTOR ARRAY	1	42 INCH
R7142	EXB38V470J	RESISTOR ARRAY	1	37 INCH
R7143,4	TAJAAH0101JV	M 100 OHM,J,1/16W	2	42 INCH
R7143,4	TAJAAH0470JV	M 47 OHM,J,1/16W	2	37 INCH
R7148	EXB38V101J	RESISTOR ARRAY	1	42 INCH
R7148	EXB38V470J	RESISTOR ARRAY	1	37 INCH
R7149,50	TAJAAH0101JV	M 100 OHM,J,1/16W	2	42 INCH
R7149,50	TAJAAH0470JV	M 47 OHM,J,1/16W	2	37 INCH
R7154	EXB38V101J	RESISTOR ARRAY	1	42 INCH
R7154	EXB38V470J	RESISTOR ARRAY	1	37 INCH
R7155,56	TAJAAH0101JV	M 100 OHM,J,1/16W	2	42 INCH
R7155,56	TAJAAH0470JV	M 47 OHM,J,1/16W	2	37 INCH
R7160	ERJ6GEYOR00	M 0 OHM, 1/10W	1	42 INCH
R7161	ERJ6GEYOR00	M 0 OHM, 1/10W	1	
R7162,63	TAJAAH0470JV	M 47 OHM,J,1/16W	2	
R7166,67	TAJAAH0470JV	M 47 OHM,J,1/16W	2	
R7170,71	TAJAAH0470JV	M 47 OHM,J,1/16W	2	
R7175-77	ERJ6GEYOR00	M 0 OHM, 1/10W	3	
R7178	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R7187	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R7188	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R7192	ERJ6GEYOR00	M 0 OHM, 1/10W	1	42 INCH
R7194	ERJ6GEYOR00	M 0 OHM, 1/10W	1	
R7196-99	ERJ6GEYOR00	M 0 OHM, 1/10W	4	
R7202,03	ERJ14YJ220	M 22 OHM, J,1/4W	2	
R7206,07	ERJ14YJ220	M 22 OHM, J,1/4W	2	
R7210,11	ERJ14YJ220	M 22 OHM, J,1/4W	2	
R7214,15	ERJ14YJ220	M 22 OHM, J,1/4W	2	
R7217	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R7225	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7226-29	TAJAAH0470JV	M 47 OHM,J,1/16W	4	
R7230	ERJ3GEYOR00	M 0 OHM, 1/16W	1	
R7232	ERJ3GEYOR00	M 0 OHM, 1/16W	1	
R7233-40	ERJ14YJ220	M 22 OHM, J,1/4W	8	
R7241,42	EXB38V101J	RESISTOR ARRAY	2	42 INCH

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R7241, 4 2	EXB38V470J	RESISTOR ARRAY	2	37 INCH
R7249, 5 0	EXB38V101J	RESISTOR ARRAY	2	42 INCH
R7249, 5 0	EXB38V470J	RESISTOR ARRAY	2	37 INCH
R7257, 5 8	EXB38V101J	RESISTOR ARRAY	2	42 INCH
R7257, 5 8	EXB38V470J	RESISTOR ARRAY	2	37 INCH
R7278	ERJ3GEYJ560	M 56 OHM, J, 1/16W	1	
R7289, 9 0	TAJAAH0470JV	M 47 OHM, J, 1/16W	2	
R7293	TAJAAH0470JV	M 47 OHM, J, 1/16W	1	
R7296	ERJ3GEYJ151	M 150 OHM, J, 1/16W	1	42 INCH
R7296	TAJAAH0470JV	M 47 OHM, J, 1/16W	1	37 INCH
R7297	TAJAAH0470JV	M 47 OHM, J, 1/16W	1	
R7300, 0 1	TAJAAH0470JV	M 47 OHM, J, 1/16W	2	
R7304	TAJAAH0470JV	M 47 OHM, J, 1/16W	1	
R7305	ERJ6GEYJ223	M 22KOHM, J, 1/10W	1	
R7306	ERJ6GEYJ104	M 100KOHM, J, 1/10W	1	
R7309, 1 0	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R7312- 16	ERJ6GEY0R00	M 0 OHM, 1/10W	5	
R7324	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7326	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7340- 43	ERJ6GEY0R00	M 0 OHM, 1/10W	4	
R7371, 7 2	ERJ3GEYJ560	M 56 OHM, J, 1/16W	2	
R7373	ERJ3GEYJ560	M 56 OHM, J, 1/16W	1	37 INCH
R7374	ERJ3GEYJ221	M 220 OHM, J, 1/16W	1	37 INCH
R7375, 7 6	ERJ3GEYJ331	M 330 OHM, J, 1/16W	2	37 INCH
R7381, 8 2	ERJ3GEYJ331	M 330 OHM, J, 1/16W	2	42 INCH
R7383	ERJ3GEYJ221	M 220 OHM, J, 1/16W	1	42 INCH
R7384	ERJ3GEYJ560	M 56 OHM, J, 1/16W	1	42 INCH
R7401, 0 2	TAJAAH0470JV	M 47 OHM, J, 1/16W	2	
R7403	ERJ3GEYJ471	M 470 OHM, J, 1/16W	1	
R7404	ERJ3GEYJ331	M 330 OHM, J, 1/16W	1	
R7405	ERJ3GEYJ471	M 470 OHM, J, 1/16W	1	
R8001	J0JCC0000100	CHIP INDUCTOR	1	
R8002	J0JCC0000100	CHIP INDUCTOR	1	42 INCH
R8003, 0 4	J0JCC0000100	CHIP INDUCTOR	2	
R8005	J0JCC0000100	CHIP INDUCTOR	1	PWD7
R8006	J0JCC0000100	CHIP INDUCTOR	1	42PWD7
R8007, 0 8	J0JCC0000100	CHIP INDUCTOR	2	PWD7
R8009	ERJ3GEYJ271	M 270 OHM, J, 1/16W	1	42 INCH
R8010- 12	ERJ3GEYJ271	M 270 OHM, J, 1/16W	3	
R8013	ERJ3GEYJ271	M 270 OHM, J, 1/16W	1	PWD7
R8014- 16	ERJ3GEYJ271	M 270 OHM, J, 1/16W	3	PWD7
R8017- 20	ERJ3GEYJ562	M 5.6KOHM, J, 1/16W	4	
R8021	ERJ3GEYJ222	M 2.2KOHM, J, 1/16W	1	
R8022	ERJ3GEYJ222	M 2.2KOHM, J, 1/16W	1	PWD7
R8025	J0JCC0000100	CHIP INDUCTOR	1	
R8026	ERJ3GEYJ331	M 330 OHM, J, 1/16W	1	
R8027	J0JCC0000100	CHIP INDUCTOR	1	PWD7
R8028	ERJ3GEYJ331	M 330 OHM, J, 1/16W	1	PWD7
R8029	ERJ6ENF3001	M 3KOHM, 1/10W	1	42 INCH
R8029, 3 0	ERJ6ENF3301	M 3.3KOHM, 1/10W	2	37 INCH
R8030	ERJ6ENF3001	M 3KOHM, 1/10W	1	42PWD7
R8031	ERJ6ENF2201	M 2.2KOHM, 1/10W	1	
R8032	ERJ6ENF2201	M 2.2KOHM, 1/10W	1	PWD7
R8033	ERJ3GEYJ104	M 100KOHM, J, 1/16W	1	
R8034	ERJ3GEYJ104	M 100KOHM, J, 1/16W	1	PWD7
R8035	ERJ6ENF3300	M 330 OHM, 1/10W	1	
R8036	ERJ6ENF1500	M 150 OHM, 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R8037	ERJ6ENF4701	M 4.7KOHM, 1/10W	1	
R8038	ERJ6ENF4701	M 4.7KOHM, 1/10W	1	PWD7
R8039	ERJ6ENF4701	M 4.7KOHM, 1/10W	1	
R8040	ERJ6ENF4701	M 4.7KOHM, 1/10W	1	PWD7
R8041	ERJ3GEYJ183	M 18KOHM, J, 1/16W	1	
R8042	ERJ3GEYJ183	M 18KOHM, J, 1/16W	1	PWD7
R8045, 4 6	ERJ3GEYJ222	M 2.2KOHM, J, 1/16W	2	
R8047	ERJ3GEYJ271	M 270 OHM, J, 1/16W	1	
R8048	ERJ3GEYJ222	M 2.2KOHM, J, 1/16W	1	
R8049	ERJ3GEYJ222	M 2.2KOHM, J, 1/16W	1	PWD7
R8050, 5 1	ERJ3GEYJ222	M 2.2KOHM, J, 1/16W	2	
R8054	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	PWD7
R8055, 5 6	ERJ3GEYJ101	M 100 OHM, J, 1/16W	2	
R8057	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	
R8058, 5 9	ERJ3GEYJ101	M 100 OHM, J, 1/16W	2	
R8060	ERJ6ENF3300	M 330 OHM, 1/10W	1	PWD7
R8061	ERJ6ENF1500	M 150 OHM, 1/10W	1	PWD7
R8062	ERJ3GEYJ271	M 270 OHM, J, 1/16W	1	PWD7
R8065	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R8066	ERJ6GEYJ681	M 680 OHM, J, 1/10W	1	PWD7
R8067	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R8068	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	PWD7
R8069	ERJ6GEYJ681	M 680 OHM, J, 1/10W	1	
R8070	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	PWD7
R8071	J0JCC0000100	CHIP INDUCTOR	1	PWD7
R8072	J0JCC0000100	CHIP INDUCTOR	1	
R8077	ERJ3GEYJ152	M 1.5KOHM, J, 1/16W	1	
R8078	ERJ3GEYJ152	M 1.5KOHM, J, 1/16W	1	PWD7
R8081	ERJ3GEYJ152	M 1.5KOHM, J, 1/16W	2	
R8082	ERJ3GEYJ152	M 1.5KOHM, J, 1/16W	2	PWD7
R8089	ERJ3GEYJ181	M 180 OHM, J, 1/16W	1	
R8091	ERJ3GEYJ181	M 180 OHM, J, 1/16W	1	PWD7
R8093	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	
R8094	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	PWD7
R8097, 9 8	ERJ3GEYJ103	M 10KOHM, J, 1/16W	2	
R8099	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R8100	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R8117, 1	J0JCC0000100	CHIP INDUCTOR	2	
R8124- 27	ERJ6GEYJ101	M 100 OHM, J, 1/10W	4	
R8181	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R8182	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	
R8183, 8 4	J0JCC0000100	CHIP INDUCTOR	2	
R8185, 8 6	ERJ3GEYJ272	M 2.7KOHM, J, 1/16W	2	
R8187, 8	ERJ6GEYJ560	M 56 OHM, J, 1/10W	2	
R8200	ERJ3GEYJ223	M 22KOHM, J, 1/16W	1	
R8201	ERJ3GEYJ473	M 47KOHM, J, 1/16W	1	
R8202, 0 3	ERJ3GEYJ223	M 22KOHM, J, 1/16W	2	
R8204	ERJ3GEYJ104	M 100KOHM, J, 1/16W	1	
R8205	ERJ3GEYJ563	M 56KOHM, J, 1/16W	1	
R8206	ERJ3GEYJ473	M 47KOHM, J, 1/16W	1	
R8207	J0JCC0000100	CHIP INDUCTOR	1	
R9000	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9001	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9002, 0 3	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9005	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9006	ERJ3GEYJ223	M 22KOHM, J, 1/16W	1	
R9008	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9009- 18	TAJAAH0101JV	M 100 OHM, J, 1/16W	10	
R9019	ERJ3GEYJ562	M 5.6KOHM, J, 1/16W	1	
R9020- 23	ERJ3GEYJ103	M 10KOHM, J, 1/16W	4	
R9024	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	
R9026	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9027, 28	ERJ3GEYJ473	M 47KOHM,J,1/16W	2	
R9030	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R9031, 32	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	2	
R9033, 34	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9035, 36	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9038	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9039	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9040	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9042	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9043	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9044	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9045	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R9046, 47	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R9048	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R9049	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9051, 52	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R9053	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9054, 55	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9056	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R9057, 58	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9059	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R9060	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9061	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9062	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R9063	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9064	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9065	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R9066	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R9067	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R9070, 71	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9072	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9073, 74	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9075	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9076	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9077	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R9079	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9080- 82	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9084	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9086	EXB38V220J	RESISTOR ARRAY	1	
R9089	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9091	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9092	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R9093, 94	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9095	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9096	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R9098	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9099	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R9100	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9101	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R9102, 03	EXB2HV470JV	RESISTOR ARRAY	2	
R9105	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9106	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9108	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9109	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R9110	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9111	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R9112	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9113	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9114	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
R9115	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9116	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R9117	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9118	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9119	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9120	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9121	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9122	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9123	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9124	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9126	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9127	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9128, 29	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9130	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9131, 32	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9133	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R9134, 35	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9136	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R9137- 43	TAJAAH0101JV	M 100 OHM,J,1/16W	7	
R9145	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9149- 51	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9153	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9154	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9159	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9160, 61	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R9163	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9164	ERJ3GEYJ123	M 12KOHM,J,1/16W	1	
R9165- 68	ERJ3GEYJ103	M 10KOHM,J,1/16W	4	
R9169- 72	TAJAAH0101JV	M 100 OHM,J,1/16W	4	
R9173	ERJ3GEYJ393	M 39KOHM,J,1/16W	1	
R9174	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9175- 77	TAJAAH0101JV	M 100 OHM,J,1/16W	3	
R9178	ERJ3GEYJ393	M 39KOHM,J,1/16W	1	
R9179	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9180	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9181	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9182	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9183	ERJ3GEYJ393	M 39KOHM,J,1/16W	1	
R9184	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9186	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9187, 88	ERJ3GEY0R00	M 0 OHM, 1/16W	2	PW7
R9189	ERJ3GEYJ393	M 39KOHM,J,1/16W	1	
R9192	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9197	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R9199	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9200	EXB2HV470JV	RESISTOR ARRAY	1	
R9201, 02	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9204	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9205	EXB2HV470JV	RESISTOR ARRAY	1	
R9206- 08	TAJAAH0101JV	M 100 OHM,J,1/16W	3	
R9209	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9210	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9211	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R9212	EXB2HV470JV	RESISTOR ARRAY	1	
R9213	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9215	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R9216	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9218, 19	ERJ6GEY0R00	M 0 OHM, 1/10W	2	PWD7
R9220- 22	ERJ3GEY0R00	M 0 OHM, 1/16W	3	PWD7
R9223- 25	ERJ3GEYJ750	M 75 OHM,J,1/16W	3	PWD7
R9228, 29	ERJ3GEY0R00	M 0 OHM, 1/16W	2	PWD7
R9230	ERJ3EKF6801	M 6.8KOHM, 1/16W	1	PWD7
R9231- 33	ERJ3GEY0R00	M 0 OHM, 1/16W	3	PWD7

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9235	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	PWD7
R9236	ERJ6GEY0R00	M 0 OHM, 1/10W	1	PWD7
R9237	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R9240,4 1	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9243- 45	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9246- 60	TAJAAH0101JV	M 100 OHM,J,1/16W	15	
R9261- 65	ERJ3GEY0R00	M 0 OHM, 1/16W	5	
R9266	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9267,6 8	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R9270	ERJ6ENF2322	M23.2KOHM, 1/10W	1	
R9271	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R9274	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9276	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R9277	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R9279	ERJ3GEYJ683	M 68KOHM,J,1/16W	1	
R9281	ERJ6ENF5101	M 5.1KOHM, 1/10W	1	
R9282	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R9283	ERJ3GEYJ683	M 68KOHM,J,1/16W	1	
R9287	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9288	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R9289	ERJ6ENF4420	M 442 OHM, 1/10W	1	
R9291	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9292	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R9293	ERJ6ENF1601	M 1.6KOHM, 1/10W	1	
R9294	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9295	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9296	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9299	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9301,0 2	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R9303,0 4	EXB2HV101J	RESISTOR ARRAY	2	
R9305	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9306- 10	TAJAAH0470JV	M 47 OHM,J,1/16W	5	
R9312	EXB38V151J	RESISTOR ARRAY	1	
R9313- 15	ERJ3GEYJ151	M 150 OHM,J,1/16W	3	
R9316	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9317	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9318	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9319	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9320- 22	EXB2HV101J	RESISTOR ARRAY	3	
R9323- 27	TAJAAH0470JV	M 47 OHM,J,1/16W	5	
R9328	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9329	EXB38VR000	RESISTOR ARRAY	1	
R9330	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R9331	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9332	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9333	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9334	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9335	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9336	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9337	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9339,4 0	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9341	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9388	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R9440	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R9441	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9521- 26	EXB2HV470JV	RESISTOR ARRAY	6	
R9527	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9530	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9532,3 3	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9535- 41	TAJAAH0470JV	M 47 OHM,J,1/16W	7	
R9551	EXB2HVR000	RESISTOR ARRAY	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9552	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9553,5 4	EXB2HVR000	RESISTOR ARRAY	2	
R9555,5 6	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9557,5 8	EXB38VR000	RESISTOR ARRAY	2	
R9559	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9561	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9563	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9581	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9583,8 4	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9585	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9586	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9591	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9593,9 4	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9595	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9596	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9601- 06	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
R9607	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9608	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9609	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9610,1 1	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9616,1 7	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9620	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9622	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9624	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9626- 31	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
R9633	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9635	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9637,3 8	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9641	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9643,4 4	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9647	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9649	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9651- 54	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9682,8 3	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R9684,8 5	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9723	EXB38V103J	RESISTOR ARRAY	1	
R9725,2 6	ERJ3GEY0R00	M 0 OHM, 1/16W	2	PWD7
R9727,2 8	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9730,3 1	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R9732,3 3	ERJ3GEY0R00	M 0 OHM, 1/16W	2	PW7
R9739- 42	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9743- 45	ERJ3GEY0R00	M 0 OHM, 1/16W	3	PWD7
R9747,4 8	EXB38V103J	RESISTOR ARRAY	2	
R9749- 51	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9753	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9754	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R9755	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9756	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9757	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9758	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9761	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9762	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	
R9765	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9766	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9767-71	ERJ3GEY0R00	M 0 OHM, 1/16W	5	
R9774	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	PW7
R9774	ERJ3GEY0R00	M 0 OHM, 1/16W	1	PWD7
R9775	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9776	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9779	EXB38V103J	RESISTOR ARRAY	1	
R9782	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9785	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9787-94	ERJ3GEY0R00	M 0 OHM, 1/16W	8	
R9799	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	
R9800	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9803	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9804	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9805-07	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9808	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9809,10	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9812,13	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9815	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9816	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9817	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9818-21	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	4	
R9822	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9823-31	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	9	
R9832	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9833-35	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9836-39	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9840-42	EXB38V103J	RESISTOR ARRAY	3	
R9843	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9845	EXB38V103J	RESISTOR ARRAY	1	
R9846	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9847	EXB38V103J	RESISTOR ARRAY	1	
R9850	ERJ3GEYJ150	M 15 OHM,J,1/16W	1	PW7
R9851,52	ERJ3GEY0R00	M 0 OHM, 1/16W	2	PWD7
R9854	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9857-59	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9860,61	TAJAAH0101JV	M 100 OHM,J,1/16W	2	PWD7
R9862,65	TAJAAH0101JV	M 100 OHM,J,1/16W	4	
R9866	EXB2HV470JV	RESISTOR ARRAY	1	
R9867,68	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9870	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9871	EXB2HV470JV	RESISTOR ARRAY	1	
R9872-74	TAJAAH0101JV	M 100 OHM,J,1/16W	3	
R9876	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9877	EXB2HV470JV	RESISTOR ARRAY	1	
R9878	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9880	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R9884	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R9886	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9888	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9892	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9893	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9894	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9897	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9898	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9899	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9906,07	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R9911-13	ERJ3GEYJ750	M 75 OHM,J,1/16W	3	
R9916,17	ERJ3GEY0R00	M 0 OHM, 1/16W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9918	ERJ3EKF6801	M 6.8KOHM, 1/16W	1	
R9919,20	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9921	ERJ3GEY0R00	M 0 OHM, 1/16W	1	PWD7
R9921	ERJ3GEYJ680	M 68 OHM,J,1/16W	1	PW7
R9922	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R9924	ERJ3GEY0R00	M 0 OHM, 1/10W	1	
R9930	ERJ3GEY0R00	M 0 OHM, 1/16W	1	PW7
R9932-34	EXB2HVR000	RESISTOR ARRAY	3	PW7
R9936	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9942	ERJ3GEY0R00	M 0 OHM, 1/16W	1	PWD7
R9979,80	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	2	
R9985,86	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
RL920	K6B1ADA00009	REALY	1	▲
RM001	PNA4601M05TV	REMOCO RECEIVER	1	
RTL	TNPA3003	CIRCUIT BOARD H3	2	▲
RTL	TNPA3197	CIRCUIT BOARD J	1	42PWD7 ▲
RTL	TNPA3197AB	CIRCUIT BOARD J	1	42PWD7 ▲
RTL	TNPA3246	CIRCUIT BOARD J	1	37PWD7 ▲
RTL	TNPA3246AB	CIRCUIT BOARD J	1	37PWD7 ▲
RTL	TZTNP01VCSE	CIRCUIT BOARD HX	1	42 INCH ▲
RTL	TZTNP01VBSE	CIRCUIT BOARD HX	1	37 INCH ▲
RTL	TXNHA10RBS	CIRCUIT BOARD HA	1	TH-37/42PWD7UY ▲
RTL	TXNHB10QXS	CIRCUIT BOARD HB	1	TH-37/42PWD7UY ▲
RTL	TNPA3198AB	CIRCUIT BOARD Z	1	▲
RTL	TXNPFI0VAS	CIRCUIT BOARD PF	1	42 INCH ▲
RTL	TXNPFI0VBS	CIRCUIT BOARD PF	1	37 INCH ▲
RTL	TNPA3213AB	CIRCUIT BOARD P	1	▲
RTL	TNPA3244	CIRCUIT BOARD C1	1	42 INCH ▲
RTL	TNPA3245	CIRCUIT BOARD C2	1	42 INCH ▲
RTL	TNPA3234	CIRCUIT BOARD C1	1	37 INCH ▲
RTL	TNPA3235	CIRCUIT BOARD C2	1	37 INCH ▲
RTL	TZTNP01VASU	CIRCUIT BOARD D	1	42PWD7 ▲
RTL	TZTNP01VLSU	CIRCUIT BOARD D	1	42PWD7 ▲
RTL	TZTNP01VMSU	CIRCUIT BOARD D	1	37PWD7 ▲
RTL	TZTNP01VBSU	CIRCUIT BOARD D	1	37PWD7 ▲
RTL	TXNSC10VAS	CIRCUIT BOARD SC	1	42 INCH ▲
RTL	TXNSC10VBS	CIRCUIT BOARD SC	1	37 INCH ▲
RTL	TNPA3243	CIRCUIT BOARD SD	1	42 INCH ▲
RTL	TNPA3233	CIRCUIT BOARD SD	1	37 INCH ▲
RTL	TXNSS10VAS	CIRCUIT BOARD SS	1	42 INCH ▲
RTL	TXNSS10VBS	CIRCUIT BOARD SS	1	37 INCH ▲
RTL	TNPA3242	CIRCUIT BOARD SU	1	42 INCH ▲
RTL	TNPA3232	CIRCUIT BOARD SU	1	37 INCH ▲
RTL	TNPA3200	CIRCUIT BOARD S1	1	▲
RTL	TNPA3199	CIRCUIT BOARD V1	1	▲
S34	K1KA03A00213	3P CONNECTOR	1	
S061	K0F162B00002	SWITCH	1	
S901,02	J0LT00000009	SWITCH	2	▲
S1550-54	EVQPBD05R	SWITCH	5	
SC2	K1KA06A00180	6P CONNECTOR	1	
SC20	K1KA20A00272	20P CONNECTOR	1	
SC23	K1KA03A00213	3P CONNECTOR	1	
SC41,42	K1ML80BA0001	80P CONNECTOR	2	
SC45,46	K1KA10A00194	10P CONNECTOR	2	
SD1-D3	K1MN80B00004	80P CONNECTOR	3	
SD46	K1KA10B00209	10P CONNECTOR	1	
SS11	K1KA07A00096	7P CONNECTOR	1	
SS12	K1KA05A00139	5P CONNECTOR	1	
SS23	K1KA11A00073	11P CONNECTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
SS34	K1KA03A00213	3P CONNECTOR	1	
SS41-44	K1MN13B00020	13P CONNECTOR	4	42 INCH
SS41A-4A	K1MN13B00020	13P CONNECTOR	4	37 INCH
SU1-U3	K1MN80B00004	80P CONNECTOR	3	
SU45	K1KA10B00209	10P CONNECTOR	1	
T920	ETS28AZ1K6AD	SWITCHING TRANS	1	⚠
T6461	ETS13TB139AP	SWITCHING TRANS	1	
T6471	ETS19AA259AC	SWITCHING TRANS	1	
V34	K1KA08B00005	8P CONNECTOR	1	
VR6074	EVMEASA00B14	CONTROL 10KOHMB 0.3W	1	
VR6477	EVMEASA00B23	CONTROL 2KOHMB 0.3W	1	
VR6557	EVMEASA00B14	CONTROL 10KOHMB 0.3W	1	
X3101	H0J202500002	CRYSTAL	1	
X8181	H0J327200038	CRYSTAL	1	
X9001	H0J400400017	CRYSTAL	1	
X9500	H0J200500038	CRYSTAL	1	
Z5	K1KA11A00102	11P CONNECTOR	1	
Z6	K1KA04A00195	4P CONNECTOR	1	
Z7	K1KA03A00172	3P CONNECTOR	1	
Z8	K1KA20AA0008	20P CONNECTOR	1	
Z10	K1KA05A00177	5P CONNECTOR	1	
ZA001-03	K4ZZ01000121	EARTH LUG	3	
ZA901	K4ZZ01000121	EARTH LUG	1	
ZA3001-04	K4CD01000013	TERMINAL	4	
ZA3005, 06	K4CD01000013	TERMINAL	2	42 INCH
ZA3007	K4CD01000013	TERMINAL	1	
ZA3008	K4CD01000013	TERMINAL	1	37 INCH
ZA6002	K4CD01000013	TERMINAL	1	
ZA6004	K4CD01000013	TERMINAL	1	
ZA6601-03	K4CD01000013	TERMINAL	3	
ZA7101	K4CD01000013	TERMINAL	1	
ZA7102	K4CD01000013	TERMINAL	1	42 INCH
ZA7103	K4CD01000013	TERMINAL	1	
ZA7201	K4CD01000013	TERMINAL	1	
ZA7202, 03	K4CD01000013	TERMINAL	2	42 INCH
ZA7204	K4CD01000013	TERMINAL	1	
C401	F0CAF225A021	C 22UF, 250V	1	
C402	ECJ2XC1H101J	C 100PF, J, 50V	1	
C403	ECKCNA222MEB	C 2200PF, M	1	
C409	F0CAF105A021	C 1UF, 250V	1	
C410	ECA1HM470	E 47UF, 50V	1	
C412	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C416	ECJ2XB1E104K	C 0.1UF, K, 25V	1	
C417	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C418	F1J1C1050011	C 1UF, Z, 50V	1	
C419	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C420	ECA1HM470	E 47UF, 50V	1	
C421, 22	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C423	ECJ2XB1H472K	C 4700PF, K, 50V	1	
C424	ECJ2XC1H101J	C 100PF, J, 50V	1	
C425	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C426	ECJ2XC1H471J	C 470PF, J, 50V	1	
C427	F1J1A1050002	C 1UF, Z, 50V	1	
C428	ECJ2XC1H221J	C 220PF, J, 50V	1	
C429, 30	F1K2J1530002	C 0.15PF, J, 630V	2	
C431	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C432	F1J1C1050011	C 1UF, Z, 50V	1	
C436	F1J1C1050011	C 1UF, Z, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C440	ECA1HM100	E 10UF, 50V	1	
C442, 43	F1A3A102A040	C 1000PF, J, 1KV	2	
C445	F1J1C1050011	C 1UF, Z, 50V	1	
C446	F2B2W3910005	C 390UF, 450V	1	
C451	F1A3A101A040	C 100PF, J, 1KV	1	
C456	F1A3A101A040	C 100PF, J, 1KV	1	
C457	ECWH12223RHV	P 0.022UF,J,1.2KV	1	
C459	F1K2J1530002	C 0.15PF, J, 630V	1	
C460, 61	F1A3A331A039	E 330UF, 1KV	2	
C462	ECJ3YB1E105K	C 1UF, K, 25V	1	
C463	ECJ2XC1H220J	C 22UF, J, 50V	1	
C465	ECKCNA221KB7	C 220PF, M,	1	
C468	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C471	F1J1C1050011	C 1UF, Z, 50V	1	
C480	ECJ3YB1E105K	C 1UF, K, 25V	1	
C481	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C482	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C501, 02	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C504	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C506-08	ECJ2XB1H103K	C 0.01UF, K, 50V	3	
C509	F2A1E101A096	E 1000UF 25V	1	
C511	F1J1C1050011	C 1UF, Z, 50V	1	
C512	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C513, 14	ECJ2XC1H471J	C 470PF, J, 50V	2	
C515	EEUFC1A122	E 1200UF, 10V	1	
C516	F1J1A1050002	C 1UF, Z, 50V	1	
C517	ECA1EM221	E 220UF, 25V	1	
C517	F2A1E221A096	E 220UF, 25V	1	
C519	F1J1A1050002	C 1UF, Z, 50V	1	
C520	ECJ2XB1H102J	C 1000PF, J, 50V	1	
C523	ECA1EM470	E 47UF, 25V	1	
C527	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C528	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C530	ECJ2VB1H333K	C 0.033UF, K, 50V	1	
C532	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C534	ECJ2XC1H122J	C 1200PF, J, 50V	1	
C535	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C546, 47	ECJ2VB1H333K	C 0.033UF, K, 50V	2	
C548	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C548 01	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C550	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C553, 54	ECJ2XB1H104K	C 0.1UF, K, 50V	2	
C555	ECA2AM101	E 1000UF, 100V	1	
C556	F2A1C1520009	E 1500UF, 16V	1	
C557	F2A1E1520089	E 1500UF, 25V	1	
C561	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C577	F2A2A330A022	E 33UF, 100V	1	
C581	ECJ2XB1H223K	C 0.022UF, K, 50V	1	
C582	ECA1EM470	E 47UF, 25V	1	
C583	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C584	ECJ2XB1H223K	C 0.022UF, K, 50V	1	
C585, 86	ECJ2XB1H104K	C 0.1UF, K, 50V	2	
C587	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C599	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C600	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C601	ECUX1E103KBN	C 0.01UF, M, 25V	1	
C602	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C603	ECA1HM470	E 47UF, 50V	1	
C604	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C605	F2BZ8800001	ZZ 880UF	1	
C606, 07	F1J1C1050011	C 1UF, Z, 50V	2	
C608, 09	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C610	F1J1C1050011	C 1UF, Z, 50V	1	
C611	F2B2D1720001	E 1700UF,@ 200V	1	
C612	ECJ2XC1H221J	C 220PF, J, 50V	1	
C613	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C614	ECJ3YB1E105K	C 1UF, K, 25V	1	
C615	F2B2D1720001	E 1700UF,@ 200V	1	
C616	F1A3A102A040	C 1000PF, J, 1KV	1	
C617	F1K2J1530002	C 0.15PF, J, 630V	1	
C618	ECJ2XB1H102J	C 1000PF, J, 50V	1	
C620	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C621	ECJ2XB1H102K	C 1000PF, K, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C623	ECA1HM100	E 10UF, 50V	1	
C624	ECA1HM010	E 1UF, 50V	1	
C625	ECA1HM100	E 10UF, 50V	1	
C626	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C627	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C629	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
D401	B0FBAT000006	DIODE	1	
D402	MA4082M	ZENER DIODE	1	
D404	B0EBKT000007	DIODE	1	
D405	MA165	DIODE	1	
D409	B0HAMM000122	DIODE	1	
D410	MA188	DIODE	1	
D411	B0BBB17000006	DIODE	1	
D412,13	MA165	DIODE	2	
D415	BOJAME000081	DIODE	1	
D418	MA4082M	ZENER DIODE	1	
D419,20	RU30A	DIODE	2	
D423	BOJAME000081	DIODE	1	
D425	BOJAME000081	DIODE	1	
D428-30	ERA15-10	DIODE	3	
D431	BOJCDD000002	DIODE	1	
D433	MA4150M	ZENER DIODE	1	
D434	MA4082M	ZENER DIODE	1	
D435	ERA15-10	DIODE	1	
D436	B0HAMP000016	DIODE	1	
D438	ERA15-10	DIODE	1	
D501	B0HAPR000010	DIODE	1	
D503,04	MA165	DIODE	2	
D505,06	BOJAME000081	DIODE	2	
D509,10	B0HANM000028	DIODE	2	
D511	AK06	DIODE	1	
D512	MA165	DIODE	1	
D514	MA4062M	ZENER DIODE	1	
D515	ERDS2TJ104	C 100KOHM, J,1/4W	1	
D516	MA188	DIODE	1	
D517	BOJAME000081	DIODE	1	
D521	MA188	DIODE	1	
D528,29	MA153	DIODE	2	
D530	MA4100M	ZENER DIODE	1	
D531	B0HDRP000002	DIODE	1	
D532,33	B0HAPR000009	DIODE	2	
D534	MA752A	DIODE	1	
D535	MA188	DIODE	1	
D536	MA752A	DIODE	1	
D538	MA4051NM	ZENER DIODE	1	
D539,40	B0HAPR000009	DIODE	2	
D542	MA4180HTA	ZENER DIODE	1	
D543	MA4150M	ZENER DIODE	1	
D544,45	MA4180HTA	ZENER DIODE	2	
D549	MA4075M	ZENER DIODE	1	
D551	MA4075M	ZENER DIODE	1	
D555	MA4075M	ZENER DIODE	1	
D557	MA111	DIODE	1	
D559	MA4075M	ZENER DIODE	1	
D563	MA111	DIODE	1	
D568	MA3J142D0L	DIODE	1	
D569	MA188	DIODE	1	
D570	MA165	DIODE	1	
D571	MA4051NM	ZENER DIODE	1	
D572	MA188	DIODE	1	
D575	MA188	DIODE	1	
D580	MA4062M	ZENER DIODE	1	
D582	MAZ705600F	ZENER DIODE	1	
D584	MA4075M	ZENER DIODE	1	
D585	MA4300M	ZENER DIODE	1	
F405	P130A	FUSE	1	
IC401	CNC1S171R	IC	1	
IC402	C0BBAA000038	IC	1	
IC403,04	CNC1S171R	IC	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC405	C0CBADE00037	IC	1	
IC406	C0DAZZZ00021	IC	1	
IC408	CNC1S171R	IC	1	
IC409	MIP2C20MP1KT	IC	1	
IC410	C0CBADE00037	IC	1	
IC411	C0BBAA000038	IC	1	
IC501	C2ABC A000032	IC	1	
IC502	C0E BE0000154	IC	1	
IC503	C0ZBZ0000878	IC	1	
IC504	C0DAEMB00003	IC	1	
IC505	CNC1S171R	IC	1	
IC506	C0ZBZ0000878	IC	1	
IC507	C0CBAB E00041	IC	1	
IC512	C0CBAB E00041	IC	1	
IC520	C0JB AZ002056	IC	1	
IC523	C0JB AF000540	IC	1	
IC524	C0BBAA000039	IC	1	
J501,02	LSJW0001	CABLE	2	
L402	EXCELSA24	BEAD CHOKE	1	
L403	EXCELSA35	BEAD CHOKE	1	
L506	EXCELD R25C	BEAD CHOKE	1	
L509	J0JBC0000032	CHIP INDUCTOR	1	
L510	EXCELD R25C	BEAD CHOKE	1	
P2	K1KA06A00180	6P CONNECTOR	1	
P5	K1KA11A00073	11P CONNECTOR	1	
P7	K1KA04A00242	4P CONNECTOR	1	
P9	K1KA03A00181	3P CONNECTOR	1	
P10	K1KA05A00177	5P CONNECTOR	1	
P11	K1KA07A00096	7P CONNECTOR	1	
P12	K1KA05A00139	5P CONNECTOR	1	
P23	K1KA03A00213	3P CONNECTOR	1	
P25	TJS1A8840	8P CONNECTOR	1	
P27	K1KA09A00099	9P CONNECTOR	1	
PR401	K5Y502B00007	FUSE	1	
PR402	K5G162B00003	FUSE	1	
PR509	K5H501Z00005	FUSE	1	
PR601	K5G312B00003	FUSE	1	
Q401	B1DHBD000004	TRANSISTOR	1	
Q404	2SB1386RT100	TRANSISTOR	1	
Q406	B1DEHQ000007	TRANSISTOR	1	
Q407	XN4601TX	TRANSISTOR	1	
Q408	B1CBGD000001	TRANSISTOR	1	
Q412,13	2SK3561	TRANSISTOR	2	
Q417	B1CBGD000001	TRANSISTOR	1	
Q418	UNR5211L00L	TRANSISTOR	1	
Q420,21	2SD1819A	TRANSISTOR	2	
Q422	UN5213	TRANSISTOR	1	
Q501,02	2SD1820A	TRANSISTOR	2	
Q503	UN5211	TRANSISTOR	1	
Q504	2SD1328	TRANSISTOR	1	
Q505	B1CEJQ000002	TRANSISTOR	1	
Q506	2SB1386RT100	TRANSISTOR	1	
Q507	2SK3561	TRANSISTOR	1	
Q508	B1GBCFNA0010	TRANSISTOR	1	
Q509	XN0440100L	TRANSISTOR	1	
Q510	2SB1218ARL	TRANSISTOR	1	
Q511	B1ABCF000134	TRANSISTOR	1	
Q516	B1DHBD000004	TRANSISTOR	1	
Q517	B1HF CFA00021	TRANSISTOR	1	
Q518	B1MBAC A00006	TRANSISTOR	1	
Q519	2SK3065T100	FET	1	
Q520	B1HF CFA00021	TRANSISTOR	1	
Q521	2SD1819A	TRANSISTOR	1	
Q522	UN5211	TRANSISTOR	1	
Q524	2SD1819A	TRANSISTOR	1	
Q525	B1CBGD000001	TRANSISTOR	1	
Q527	B1DEHL000018	TRANSISTOR	1	
Q530	B1CBGD000001	TRANSISTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q535	2SD1819A	TRANSISTOR	1	
Q536-38	B1CFQD000001	TRANSISTOR	3	
Q540	B1DHBD000004	TRANSISTOR	1	
Q541	B1CBGD000001	TRANSISTOR	1	
Q542	XN4601TX	TRANSISTOR	1	
Q544	UN5211	TRANSISTOR	1	
Q545	2SK3065T100	FET	1	
Q547	2SD1119	TRANSISTOR	1	
Q550	UNR521L00L	TRANSISTOR	1	
Q551-53	2SD1819A	TRANSISTOR	3	
Q554	B1DHBD000004	TRANSISTOR	1	
Q555	UN5211	TRANSISTOR	1	
R404	ERJ6GEYJ223	M 22KOHM, J, 1/10W	1	
R408	ERJ6GEYJ104	M 100KOHM, J, 1/10W	1	
R409	ERJ6ENF1693	M 169KOHM, 1/10W	1	
R410	D1FZ100E0001	F 10 OHM	1	
R413	D1FZ100E0001	F 10 OHM	1	
R414	ERJ8GEYJ153	M 15KOHM, J, 1/8W	1	
R415	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R416	ERJ6GEYJ473	M 47KOHM, J, 1/10W	1	
R417	ERJ6ENF4303	M 430KOHM, 1/10W	1	
R418	ERJ6GEYJ473	M 47KOHM, J, 1/10W	1	
R419	ERJ6GEYJ104	M 100KOHM, J, 1/10W	1	
R420	ERJ6GEYJ102	M 1KOHM, J, 1/10W	1	
R421	ERJ6GEYJ333	M 33KOHM, J, 1/10W	1	
R422	ERJ6GEYJ100	M 10 OHM, J, 1/10W	1	
R424	ERJ6GEYJ223	M 22KOHM, J, 1/10W	1	
R425	ERJ6GEYJ332	M 3.3KOHM, J, 1/10W	1	
R426	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R428	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R429	ERJ6GEYJ153	M 15KOHM, J, 1/10W	1	
R430	ERJ6ENF4303	M 430KOHM, 1/10W	1	
R431	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R432	ERJ6GEYJ274	M 270KOHM, J, 1/10W	1	
R433	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R434	ERJ8GEYJ2R2	M 2.2 OHM, J, 1/8W	1	
R435	ERJ6GEYJ102	M 1KOHM, J, 1/10W	1	
R436	ERJ8GEYJ153	M 15KOHM, J, 1/8W	1	
R437	ERJ6GEYJ183	M 18KOHM, J, 1/10W	1	
R438	ERJ6GEYJ331	M 330 OHM, J, 1/10W	1	
R439	ERJ14YJ120	M 12 OHM, J, 1/4W	1	
R440	ERJ8GEYJ474	M 470KOHM, J, 1/8W	1	
R441,42	ERJ6EKF6803	M 680KOHM, 1/10W	2	
R443	EVMAASA00B23	CONTROL 2KOHMB	1	
R444	ERJ6GEYJ123	M 12KOHM, J, 1/10W	1	
R445-47	ERJ6ENF1004	M1000KOHM, 1/10W	3	
R448,49	DOXGR10JA007	RESISTOR ARRAY	2	
R451	ERJ6GEYJ333	M 33KOHM, J, 1/10W	1	
R452	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R453	ERJ6GEYJ102	M 1KOHM, J, 1/10W	1	
R454	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R456	ERJ6GEYJ333	M 33KOHM, J, 1/10W	1	
R458	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	1	
R462	ERJ6ENF4303	M 430KOHM, 1/10W	1	
R463	ERJ6GEYJ333	M 33KOHM, J, 1/10W	1	
R464	ERJ6ENF3302	M 33KOHM, 1/10W	1	
R465	ERJ6ENF5603	M 560KOHM, 1/10W	1	
R467	ERJ6GEYJ102	M 1KOHM, J, 1/10W	1	
R471	ERJ6GEYJ332	M 3.3KOHM, J, 1/10W	1	
R472,73	ERJ6ENF5603	M 560KOHM, 1/10W	2	
R475	ERJ6EKF6803	M 680KOHM, 1/10W	1	
R476,77	ERJ8GEYJ2R2	M 2.2 OHM, J, 1/8W	2	
R478	ERJ14YJ391	M 390 OHM, J, 1/4W	1	
R479	ERJ6GEYJ154	M 150KOHM, J, 1/10W	1	
R480	ERJ6ENF9102	M91.0KOHM, 1/10W	1	
R482	ERJ14YJ391	M 390 OHM, J, 1/4W	1	
R485	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	
R486	ERJ6GEYJ332	M 3.3KOHM, J, 1/10W	1	
R493	ERJ14YJ120	M 12 OHM, J, 1/4W	1	
R494-96	ERJ6ENF5603	M 560KOHM, 1/10W	3	
R497	ERJ6ENF2402	M 24KOHM, 1/10W	1	
R498	ERJ6GEYJ334	M 330KOHM, J, 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R501	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R502,03	ERJ6GEYJ104	M 100KOHM, J, 1/10W	2	
R504	ERJ6GEYJ102	M 1KOHM, J, 1/10W	1	
R505	ERJ6GEYJ220	M 22 OHM, J, 1/10W	1	
R506	ERJ6GEYJ102	M 1KOHM, J, 1/10W	1	
R507	ERJ6GEYJ221	M 220 OHM, J, 1/10W	1	
R508	ERJ6GEYJ102	M 1KOHM, J, 1/10W	1	
R509	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R510	K5H501Z00005	FUSE	1	
R511	ERJ6GEYJ104	M 100KOHM, J, 1/10W	1	
R512	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R513,14	ERJ6GEYJ104	M 100KOHM, J, 1/10W	2	
R515,16	ERJ6GEYJ102	M 1KOHM, J, 1/10W	2	
R517	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R518	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	
R519,20	ERJ6GEYJ104	M 100KOHM, J, 1/10W	2	
R521,22	ERJ8GEYJ100	M 10 OHM, J, 1/8W	2	
R524	ERJ6GEYJ102	M 1KOHM, J, 1/10W	1	
R525	ERJ6GEYJ333	M 33KOHM, J, 1/10W	1	
R526,27	ERJ8GEYJ224	M 220KOHM, J, 1/8W	2	
R528	ERJ6GEYJ4R7	M 4.7 OHM, J, 1/10W	1	
R529	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R530	ERJ6ENF1052	M10.5KOHM, 1/10W	1	
R532	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	
R533	ERJ8GEYJ223	M 22KOHM, J, 1/8W	1	
R534	ERJ8GEYJ224	M 220KOHM, J, 1/8W	1	
R536	ERJ8GEYJ201	M 200 OHM, J, 1/10W	1	
R537	ERJ6ENF3602	M 36KOHM, 1/10W	1	
R538	ERJ6GEYJ104	M 100KOHM, J, 1/10W	1	
R539	ERJ8GEYJ201	M 200 OHM, J, 1/10W	1	
R540	ERJ6GEYJ104	M 100KOHM, J, 1/10W	1	
R541	ERJ8ENF1801	M1.80KOHM, 1/8W	1	
R542,43	ERJ8ENF2203	M 22KOHM, 1/8W	2	
R545	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R550	ERJ8GEYJ202	M 2KOHM, J, 1/8W	1	
R551	ERJ6GEYJ104	M 100KOHM, J, 1/10W	1	
R552	ERJ8GEYJ202	M 2KOHM, J, 1/8W	1	
R555,56	ERJ8GEYJ202	M 2KOHM, J, 1/8W	2	
R560	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R561	ERJ6ENF4301	M 4.3KOHM, 1/10W	1	
R562	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R563	ERJ6GEYJ4R7	M 4.7 OHM, J, 1/10W	1	
R568,69	ERJ6GEYJ2R2	M 2.2 OHM, J, 1/10W	2	
R574	ERJ6GEYJ331	M 330 OHM, J, 1/10W	1	
R575	ERJ6GEYJ4R7	M 4.7 OHM, J, 1/10W	1	
R576	ERJ6ENF2202	M 2.2KOHM, 1/10W	1	
R577	ERJ6GEYJ104	M 100KOHM, J, 1/10W	1	
R578	ERJ6ENF2201	M 2.2KOHM, 1/10W	1	
R579	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R582	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R583	ERJ6ENF7501	M 7.5KOHM, 1/10W	1	
R584	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R585	ERJ6GEYJ333	M 33KOHM, J, 1/10W	1	
R587	ERJ8GEYJ471	M 470 OHM, J, 1/8W	1	
R588	ERJ6ENF1800	M 180 OHM, 1/10W	1	
R589,90	ERJ8GEYJ822	M 8.2KOHM, J, 1/8W	2	
R592	ERJ6ENF3001	M 3KOHM, 1/10W	1	
R593	ERJ6ENF5601	M 5.6KOHM, 1/10W	1	
R594	ERJ8GEYJ101	M 100 OHM, J, 1/8W	1	
R596	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R597,98	ERJ6GEYJ473	M 47KOHM, J, 1/10W	2	
R599,00	ERJ8ENF3900	M 390 OHM, 1/8W	2	
R601	ERJ6GEYJ332	M 3.3KOHM, J, 1/10W	1	
R602,03	ERJ6ENF1002	M 10KOHM, 1/10W	2	
R604	ERJ6GEYJ391	M 390 OHM, J, 1/10W	1	
R605,06	ERJ6GEYJ332	M 3.3KOHM, J, 1/10W	2	
R607	ERJ6GEYJ822	M 8.2KOHM, J, 1/10W	1	
R609	ERJ6GEYJ822	M 8.2KOHM, J, 1/10W	1	
R610	ERJ8GEYJ751	M 750 OHM, J, 1/8W	1	
R611	ERJ8GEYJ471	M 470 OHM, J, 1/8W	1	
R612	ERDS2TJ102	C 1KOHM, J, 1/4W	1	
R613	ERJ6ENF2202	M 2.2KOHM, 1/10W	1	
R614	ERJ6ENF5601	M 5.6KOHM, 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R616,17	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R618	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R619	ERJ8RQFR68	M 0.68OHM, J,1/8W	1	
R620	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R621	ERJ8GEYJ822	M 8.2KOHM, J,1/8W	1	
R622	ERJ8ENF3902	M 39K OHM, 1/8W	1	
R624	ERX2SJR22	M0.22 OHM, J, 2W	1	
R625	ERJ6ENF4700	M 470 OHM, 1/10W	1	
R626	ERJ8ENF3902	M 39K OHM, 1/8W	1	
R627	ERJ6ENF8201	M 8.2KOHM, 1/10W	1	
R628	EVMAASA00B23	CONTROL 2KOHMB	1	
R629	ERJ6ENF2202	M 2.2KOHM, 1/10W	1	
R630	ERJ8GEYJ121	M 120 OHM, J,1/8W	1	
R631	ERJ8GEYJ333	M 33KOHM, J,1/8W	1	
R632	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R633	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R636	ERJ8ENF3902	M 39K OHM, 1/8W	1	
R637	ERJ8RQFR68	M 0.68OHM, J,1/8W	1	
R638	ERJ8GEYJ1R0	M 1 OHM, J,1/8W	1	
R639	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R640	ERJ6ENF4701	M 4.7KOHM, 1/10W	1	
R641	ERJ6ENF10R0	M 10 OHM, 1/10W	1	
R642,43	ERJ8RQFR68	M 0.68OHM, J,1/8W	2	
R645	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R646,47	ERJ8GEY0R00	M 0 OHM, 1/8W	2	
R648	ERJ8ENF3902	M 39K OHM, 1/8W	1	
R649	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R650	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R651	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R652	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R653,54	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	2	
R655	ERJ14RSJR15	M0.15 OHM, J,1/4W	1	
R656	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R657	ERJ6ENF3301	M 3.3KOHM, 1/10W	1	
R658	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R659	ERJ6ENF2202	M 2.2KOHM, 1/10W	1	
R660	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R661	EVMAASA00B53	CONTROL 5KOHMB	1	
R662	ERJ6ENF1303	M 130KOHM, 1/10W	1	
R663	ERJ3GEYJ2R2	M 2.2 OHM,J,1/16W	1	
R664	ERJ6ENF9101	M 9.1KOHM, 1/10W	1	
R665	EVMAASA00B23	CONTROL 2KOHMB	1	
R666	ERJ6ENF9101	M 9.1KOHM, 1/10W	1	
R667	ERJ6ENF5101	M 5.1KOHM, 1/10W	1	
R668	ERJ6ENF2401	M 2.4KOHM, 1/10W	1	
R669	ERJ6ENF1303	M 130KOHM, 1/10W	1	
R670,71	ERJ6ENF2202	M 2.2KOHM, 1/10W	2	
R672	ERJ6ENF1502	M 15KOHM, 1/10W	1	
R673	ERJ6ENF5101	M 5.1KOHM, 1/10W	1	
R674	ERJ8GEYJ333	M 33KOHM, J,1/8W	1	
R675	ERJ3GEYJ2R2	M 2.2 OHM,J,1/16W	1	
R676	ERJ8GEYJ333	M 33KOHM, J,1/8W	1	
R677	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R678	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R679,80	ERJ8GEYJ121	M 120 OHM, J,1/8W	2	
R681	ERG2SJ220	M 22 OHM 2W	1	
R682	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R683	ERJ6ENF2200	M 220 OHM, 1/10W	1	
R684	ERJ6ENF1800	M 180 OHM, 1/10W	1	
R685	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R686	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R687	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R688	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R689,90	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R694	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R698	ERJ14RSJR15	M0.15 OHM, J,1/4W	1	
R699	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
RL402,0 3	TSEH8011	RELAY	2	
T401	ETS42BV129AD	SWITCHING TRANS	1	
T402	G4D1A0000082	SWITCHING TRANS	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
T404	ETS42LZ126AD	SWITCHING TRANS	1	
T407	ETQ11K5AZ	CHOKE TRANS	1	
T410	ETS25AD1M6AG	SWITCHING TRANS	1	
T601	ETS28AZ1J9AD	SWITCHING TRANS	1	
W1	ERJ8GEY0R00	M 0 OHM, 1/8W	1	
W1	ERJ8GEYJ393	M 39KOHM, J,1/8W	1	
X501	H2B400400021	CRYSTAL	1	
Z1	K4ZZ01000121	EARTH LUG	1	
Z410	TMM7464-2	CLAMPER	1	
Z411	TMME190	CLAMPER	1	
Z412	TMME047	CLAMPER	1	
Z420	TMM23417	CLAMPER	1	
ZN401,0 2	D4EAD6210001	VARISTOR	2	